

from sunset to the minimum of the following morning is but a small part of the total range, and the fall from 9 p. m. until the following minimum is still less. Those who wish, from observations taken at 9 p. m., to determine the probability that freezing temperatures will occur next morning may be guided by the following table which shows:

1. The greatest fall recorded at Riverside between 9 p. m. and the following minimum.

2. The number of times the fall was 10° F. or more.

3. The number of times the fall was 5° or less.

4. The lowest minimum temperature.

The temperatures recorded by thermometers depend so much upon their exposure that it is best for each agriculturist to keep a record of his own thermometer and not depend too much upon those of distant neighbors. A station on a hillside will show generally smaller ranges than one in a low level valley.

Month.	1	2	3	4
1894, November.....	0	0	0	0
December.....	15	13	5	32
1895, January.....	13	5	13	35
February.....	15	10	14	27
March.....	25	9	8	30
April.....	13	7	6	33
May.....	17	8	12	38
June.....	18	8	14	42
July.....	19	18	4	42
August.....	15	12	4	50
September.....	15	17	2	50
October.....	23	19	3	43
November.....	23	18	4	39
December.....	13	13	2	39
	19	11	2	22

In preparing this table no account is taken of an occasional gap in the continuity of the record, due to the omission of a morning or evening observation. On two occasions, February 11 and December 17, the morning minimum was higher than the 9 p. m. observation, and in many cases, scattered rather evenly throughout the months December to May, the minimum was sensibly the same as the preceding 9 p. m. temperature. It would seem as though the rate of cooling after 9 p. m. must depend entirely upon the clearness of the sky and the wind. If, as is usually the case, there be no wind, then the clearness, that is to say, the formation of fog, haze, or cloud must control the temperature, and as this clearness depends upon the moisture in the air, it would seem that horticulturists could make good use of some form of hygrometer in connection with their thermometers, unless the aspect of the sky suffices.

BLIZZARDS AND SCHOOLS.

A letter from Mr. Oliver Gibbs, Jr., of Ramsey, S. Dak., is published in the current number of Northwest Weather Crops, published by the Minnesota State Service. He calls attention to the fact that—

The blizzard always comes on a day that opens mild and cloudy, like a "down-east" January thaw. On such days, any time in the winter, it is the safest thing to watch out and stay close at home. Keep an eye on the thermometer, and if it turns suddenly cold and the mercury be-

gins to fall rapidly, have everything safe and snug and a line strung from house to barn as soon as the north wind gives warning.

School teachers in country districts should have an understanding with the directors and the pupils that on such days there will be no school. Many lives were probably saved in this town in 1888 by not opening the schoolhouses on the day of that year's blizzard, though the morning was mild and inviting everybody out by the softness of the air.

To put it in another form, the blizzard and the tornado are both immediately preceded by a hot blast of air.

SNOW ROLLERS.

The phenomenon of snow rollers was observed by the passengers on the Flint River division of the Flint and Pere Marquette Railroad on December 10. They report that in large level fields hundreds of snow balls, some of them of colossal size, were rolled together by the action of the wind. The fields were covered with them.

A similar phenomenon is reported from Spokane, Wash. The Spokesman Review, of December 23, published at that place, says:

The wind has been playing strange with the snow in the vicinity of the waterworks on both sides of the river during the last few days, producing hundreds of snow cylinders of uniform size and as perfectly formed as though they had been cast in a mould.

These cylinders are from 12 to 16 inches long and from 6 to 10 inches in diameter, and are hollow, except in the middle. The hollow in each end is funnel-shaped, being widest at the end where the cylinder is quite thin, growing smaller as it nears the middle where there is a solid space. E. E. Alexander, whose farm is near the waterworks on the south side of the river, says there are hundreds of these cylinders near his place and also in the neighborhood of Minnehaha Park.

"It is a strange and beautiful spectacle," said Mr. Alexander yesterday, "and I never saw anything of the kind before. I judge that the conditions under which these cylinders are formed are exceedingly rare. Most of them seem to have been formed Thursday night. For a time the wind blew from the southeast, then it suddenly changed to the southwest, and where there were fence posts or inequalities in the ground these drifts were broken into small sections, which the wind gathered up and started to rolling. The snow was just soft enough to ball, and as these little masses were pushed slowly along by the wind they began to roll, gathering more snow as they went, till the cylinders were formed. They rolled all the way from 20 to 100 feet, and looked like things of life as they sped along until stopped by their own weight. They could only roll about so far, when they became so heavy that the wind would no longer move them, and this accounts for their uniform size."

MOTION OF THUNDERSTORMS AGAINST THE WIND.

The voluntary observer, Mr. A. E. Ackworth, of Mardela Springs, Wicomico County, Md., writes as follows:

The phenomenon of a cloud rising against the wind is a common one in this section when the cloud forms in the northwest with a surface wind blowing from southeast, moderate to fresh. It is chiefly confined to the afternoon, and has all the phenomena so well described in the WEATHER REVIEW for October last by Mr. Bruner.

Another peculiarity of these storms is that they rarely come up against the tide, and are almost entirely confined to those of northwest, rarely north and never from northeast unless formed by the junction of the two branches of a cloud that has formed and split at southwest; one part going by west and north to northeast, the other by south and east to northeast.

Another peculiarity is that whatever course the first thunderstorm of the year takes will be that of a majority of them.

In this section the southwest seems the main point of their formation. Yet a cloud forming southeast and coming over from the east is attended by the heaviest rainfall.

METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

For text descriptive of these tables see p. 427.

TABLE I.—Climatological data for Weather Bureau Stations, December, 1895.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure in inches.		Temperature of the air, in degrees Fahrenheit.						Humidity and precipitation.			Wind.			Average cloudiness.		Monthly temperature data since opening station.														
			Mean pressure, s.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. and min. + 2.	Departure from normal.	Maximum.	Mean maximum.	Date.	Mean minimum.	Greatest daily range.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Precipitation, in inches.	Departure from normal.	Days with 30, or more.	Total movement, miles.	Prevailing direction.	Maximum velocity, miles per hour.	Clear days.	Cloudy days.	Average cloudiness, tenths.	Absolute maximum.	Absolute minimum.	Year.							
<i>New England.</i>																																	
Eastport	76	23	29.98	30.08	+ .11	29.8	- 2.5	53	31	36	24	24	22	72	3.05	- 0.5	10	11,144	n.	54	s.	31	3	18	10	6.3	54	1897	- 21	1894			
Portland, Me.	108	24	29.98	30.07	+ .05	30.1	- 2.5	53	19	37	- 13	13	13	24	78	3.30	- 0.3	8	6,473	n.	49	se.	31	7	15	9	5.4	61	1899	- 17	1893		
Northfield	872	9	29.14	30.14	+ .09	24.4	- 2.8	61	20	38	13	13	13	24	74	4.75	+ 1.6	8	6,582	s.	49	sw.	31	9	9	13	5.9	61	1895	- 27	1893		
Boston	126	26	29.98	30.12	+ .07	35.6	- 2.9	64	31	43	18	12	12	25	75	2.45	- 1.0	9	9,791	n.	50	s.	31	9	9	17	6.3	66	1881	- 12	1883		
Nantucket	14	10	30.10	30.11	+ .05	39.6	- 4.5	59	21	45	18	12	12	25	79	2.73	- 0.8	12	11,122	ne.	51	e.	11	11	4	16	6.6	59	1895	- 6	1892		
Woods Hole	18	10	30.10	30.11	+ .05	37.6	- 1.2	57	24	43	18	12	12	25	71	3.35	+ 0.3	9	11,122	ne.	66	sw.	31	12	6	13	5.5	68	1894	- 8	1875		
Vineyard Haven	10	16	30.10	30.13	+ .07	37.4	- 0.8	58	20	43	9	7	7	36	78	2.44	- 1.9	6	10,278	sw.	68	ne.	11	7	16	8	5.7	68	1894	- 3	1894		
Block Island	27	14	30.13	30.17	+ .07	34.6	- 1.6	58	20	43	12	12	12	30	73	2.14	- 1.9	6	14,106	sw.	55	s.	12	3	16	5	5.9	68	1894	- 9	*		
Narragansett Pier	14	14	30.13	30.17	+ .04	35.4	- 2.9	58	20	42	7	13	26	35	71	1.91	- 1.7	7	8,193	n.	55	s.	10	8	13	5.5	68	1890	- 10	1884			
New Haven	107	23	30.01	30.13	+ .04	35.4	- 2.9	58	20	42	12	12	12	30	71	1.91	- 1.7	7	8,193	n.	55	s.	27	10	10	10	5.5	68	1890	- 10	1884		
<i>Mid. Atlan. States.</i>																																	
Albany	85	22	30.06	30.16	+ .08	31.9	- 1.6	61	31	40	- 1	13	34	30	84	3.01	- 0.3	10	6,269	s.	42	se.	31	6	11	14	6.5	66	1889	- 17	1875		
New York	314	29	29.80	30.14	+ .04	36.9	- 1.1	58	20	43	13	13	31	34	80	2.59	- 0.3	12	12,073	n.w.	73	sw.	27	8	8	14	6.2	68	1891	- 6	1890		
Harrisburg	577	8	29.74	30.16	+ .00	35.1	- 0.6	61	21	41	13	13	32	38	80	3.38	- 0.9	7	5,368	e.	42	w.	26	11	8	14	5.3	68	1894	- 4	1894		
Philadelphia	117	25	30.08	30.16	+ .03	35.2	- 3.4	66	21	46	13	13	32	38	79	2.64	- 1.0	9	9,791	n.	50	s.	31	9	9	17	6.3	66	1881	- 12	1883		
New Brunswick	9	25	30.08	30.16	+ .03	37.0	- 2.5	65	20	46	11	13	32	38	79	2.84	- 0.9	12	14,106	ne.	66	sw.	31	12	6	13	5.5	68	1895	- 6	1892		
Baltimore	142	25	29.99	30.14	+ .00	39.2	- 0.7	61	* 45	44	13	13	32	38	79	2.88	- 0.3	12	6,028	n.w.	42	s.	26	11	8	14	5.9	70	1873	- 5	1890		
Washington	112	26	30.04	30.17	+ .01	38.8	- 1.0	66	26	46	13	13	32	38	80	2.38	- 0.3	12	5,201	s.	42	sw.	26	11	8	14	6.0	73	1889	- 8	1890		
Cape Henry	22	25	30.08	30.17	+ .01	45.3	- 2.5	70	2	53	28	6	38	31	80	6.29	+ 2.1	10	5,101	ne.	33	nw.	26	7	12	12	5.8	73	1875	- 7	1880		
Lynchburg	685	25	29.42	30.18	+ .02	40.1	- 0.2	67	14	52	15	6	38	31	80	2.80	- 0.9	9	8,026	n.	40	w.	31	13	9	10	5.1	75	1891	- 5	1890		
Norfolk	57	25	30.09	30.16	+ .02	45.2	- 1.0	67	2	53	15	6	38	31	80	3.54	- 0.9	10	7,026	n.	31	13	9	10	5.1	75	1890	- 6	1890				
<i>S. Atlantic States.</i>																																	
Charlotte	773	18	29.98	30.16	+ .01	42.4	- 1.2	67	25	52	18	6	34	28	82	2.53	- 1.3	10	5,459	ne.	48	s.	26	11	8	12	5.5	76	1889	- 5	1890		
Hatteras	11	16	30.14	30.15	+ .01	49.4	- 0.9	67	25	52	31	6	44	35	82	3.43	- 2.6	13	12,447	s.w.	66	n.	10	9	10	12	5.6	73	1894	- 8	1890		
Kittyhawk	9	21	30.12	30.13	+ .04	45.9	- 0.6	70	25	52	26	6	40	35	82	2.55	- 1.8	13	12,447	n.	37	sw.	30	7	9	10	5.4	73	1890	- 8	1880		
Raleigh	288	9	29.75	30.18	+ .02	43.4	- 0.9	71	25	52	20	13	34	35	82	2.62	- 0.1	8	6,197	n.w.	48	w.	30	17	8	16	5.1	73	1889	10	1894		
Wilmington	78	25	30.08	30.17	+ .01	46.8	- 0.6	73	25	52	19	6	35	38	82	1.40	- 2.1	11	6,541	n.w.	36	w.	30	17	8	16	5.1	73	1879	10	1890		
Charleston	53	25	30.14	30.19	+ .03	50.9	- 1.0	73	25	52	30	4	43	33	82	3.27	+ 0.2	8	5,827	n.w.	36	w.	30	17	8	16	5.1	73	1899	13	1890		
Columbia	9	25	30.12	30.17	+ .01	46.2	- 1.2	73	25	52	19	6	35	38	82	1.14	- 1.5	9	5,827	n.w.	36	w.	30	17	8	16	5.1	73	1899	13	1890		
Augusta	180	24	29.97	30.18	+ .02	47.3	- 0.2	73	25	52	19	6	35	38	82	3.75	- 0.1	10	4,291	w.	38	w.	26	16	8	16	3.9	78	1889	7	1890		
Savannah	98	25	30.07	30.18	+ .00	51.0	- 1.9	74	25	51	20	6	36	39	82	1.71	- 1.8	7	5,968	n.w.	36	w.	30	15	7	14	4.3	80	1875	12	1894		
Jacksonville	43	25	30.12	30.17	+ .01	53.5	- 3.1	74	25	51	20	6	36	39	82	1.18	- 1.9	7	4,974	n.w.	37	sw.	30	14	11	11	3.9	81	1875	14	1894		
<i>Florida Peninsula.</i>																																	
Jupiter	28	8	30.10	30.18	+ .04	44.4	- 1.2	71	25	52	16	6	36	29	82	2.98	- 0.6	13	8,396	n.w.	33	e.	17	7	20	4	4.8	86	1891	24	1894		
Key West	22	26	30.11	30.18	+ .01	47.8	- 0.8	70	25	52	16	6	36	39	82	6.27	- 2.1	13	12,447	n.w.	43	sw.	10	13	10	12	5.0	88	1876	44	1894		
Tampa	36	6	30.13	30.17	+ .00	59.2	- 3.6	72	1	68	22	6	50	48	82	1.14	- 1.5	9	4,876	n.w.	26	sw.	30	13	12	12	4.8	86	1891	19	1894		
<i>East Gulf States.</i>																																	
Atlanta	1,131	18	28.94	30.17	+ .08	43.6	- 1.7	67	25	52	16	4	36	29	82	2.98	- 0.4	10	8,643	n.w.	46	w.	30	16	4	11	4.5	73	1899	14	1890		
Pensacola	56	17	30.11	30.17	+ .01	51.0	- 4.3	71	1	58	20	52	15	6	36	37	82	4.33	- 0.4	6	7,972	n.w.	40	se.	30	17	7	9	3.9	76	1894	14	1894
Mobile	57	25	30.12	30.19	+ .02	49.8	- 3.0	69	24	59	27	6	41	38	82	3.83	- 0.7	6	5,443	n.e.	36	se.	19	15	7	9	4.7	73	1894	14	1890		
Montgomery	231	24	29.98	30.16	+ .01	47.4	- 3.7	73	25	58	19	6	37	35	82	3.44	- 2.3	7	5,505	n.s.	35	sw.	26	14	8	12	4.6	73	1899	8	1890		
Meridian	358	7	29.76	30.16	+ .06	46.8	- 3.7	73	25	58	19	6	37	35	82	5.28	+ 0.1	10	5,140	n.e.	35	s.	19	16	8	12	4.4	73	1894	9	1894		
Vicksburg	2																																

TABLE I.—Climatological data for Weather Bureau Stations, December, 1895—Continued.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Humidity and precipitation.			Wind.			Monthly temperature data since opening station.															
			Mean pressure, 8 a.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. and min. + 2.	Departure from normal.	Maximum.	Minimum.	Mean maximum.	Greatest daily range.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Departure from normal.	Total movement, miles.	Prevailing direction.	Miles per hour.	Direction.	Clear days.	Cloudy days.	Average cloudiness, tenths.	Absolute maximum.	Absolute minimum.	Year.								
<i>Up. Miss. Val.—Con.</i>																																
Dubuque	23	29.34	30.03	.....	28.0	-2.3	53	17	34	0	8	23	21	.....	3.75	+ 0.8	6	n.	.....	10	14	... 67	1890	- 94	1896				
Keokuk	613	25	29.34	30.07	31.0	-1.2	63	17	38	16	2	24	21	24	4.24	+ 2.1	11	6,492	.....	6	6	6.3	69	1890	- 26	1872					
Cairo	369	25	29.67	30.07	40.0	-0.5	65	24	46	16	4	35	27	31	3.35	+ 0.1	15	8,607	s.	13	11	6.1	71	1890	- 1	1890						
Springfield, Ill.	644	17	29.32	30.04	38.6	-0.3	59	24	40	16	4	35	26	26	8.08	+ 5.3	14	7,953	s.	35	25	6.6	67	1890	- 14	1890						
Hannibal	534	25	29.44	30.04	33.0	-0.1	64	17	40	16	4	35	26	26	5.98	+ 2.3	10	7,739	s.	41	24	6.4	68	1890	- 7	1892						
St. Louis	571	25	29.44	30.07	37.0	+ 0.7	61	24	43	17	4	35	27	27	4.66	+ 2.3	12	9,258	s.	37	24	6.4	74	1875	- 17	1872						
<i>Missouri Valley.</i>																																
Columbia	7	29.02	30.09	.....	35.2	+ 1.5	65	17	44	- 4	5	26	35	.....	3.26	+ 2.1	8	7,538	n.w.	38	n.w.	11	7	6.9	75	1890	- 7	1892		
Kansas City	968	8	29.02	30.09	32.6	-0.7	68	17	40	- 5	6	26	35	80	7.82	+ 6.8	10	7,320	n.s.	37	n.w.	11	10	5.9	70	*	- 18	1892				
Springfield, Mo.	1,324	10	28.61	30.06	36.2	-0.8	60	16	43	- 4	5	26	35	78	11.02	+ 8.6	11	8,898	s.	36	n.w.	9	6	6.3	74	1890	- 10	1892				
Topeka	9	28.88	30.09	.....	33.4	-0.8	60	16	42	- 5	6	26	35	71	1.77	+ 0.7	7	7,739	n.	24	n.w.	16	13	6.1	71	1890	- 17	1892			
Omaha	1,128	25	28.88	30.09	31.1	-2.4	68	16	37	- 5	6	26	35	69	0.16	- 0.8	3	6,023	n.w.	28	s.e.	16	9	6.4	71	1890	- 17	1894				
Sioux City	1,165	21	28.73	30.04	36.2	-0.2	60	16	35	- 5	6	26	35	71	0.01	- 0.5	1	6,582	n.w.	40	n.w.	23	14	5.2	89	1890	- 16	1892				
Pierre	1,470	21	28.97	30.02	35.5	-0.5	60	16	38	- 5	6	26	35	70	T.	- 0.6	6	10,368	n.w.	53	s.e.	15	9	5.8	85	1894	- 34	1894				
Huron	1,310	15	28.55	30.04	31.6	-2.4	56	16	33	- 10	10	41	11	71	0.20	- 0.6	6	7,053	w.	37	n.w.	23	12	6.4	70	1890	- 27	1892				
<i>Northern Slope.</i>																																
Havre	2,477	16	27.22	29.96	21.2	-8.5	60	12	31	- 24	12	35	15	74	0.80	- 0.4	6	10,064	s.w.	46	s.w.	27	10	13	6.5	68	1885	- 50	1894			
Miles City	2,372	19	27.57	30.00	23.0	-3.7	54	10	33	- 6	13	33	16	75	0.77	+ 0.5	10	5,025	s.	47	w.	29	15	5.0	57	1891	- 46	1879				
Helena	4,108	16	25.77	30.15	23.6	-0.1	61	13	31	- 4	12	33	14	86	1.12	+ 0.1	7	6,547	s.w.	44	s.w.	26	13	6.8	57	1888	- 40	1890				
Rapid City	3,260	10	26.51	30.01	29.4	-0.5	62	13	40	- 5	6	19	41	66	0.11	- 0.1	4	7,721	w.	46	n.w.	13	11	4.8	75	1890	- 26	1892				
Cheyenne	6,105	25	29.91	30.20	27.2	-2.3	60	12	37	- 5	6	19	39	78	0.18	- 0.4	4	11,336	n.w.	50	w.	27	12	16	3.4	64	*	- 24	*			
Lander	5,377	12	24.59	30.25	27.6	-4.0	49	5	32	- 11	11	21	35	70	T.	- 0.6	6	3,018	s.w.	35	n.	31	1	4.3	57	1890	- 20	1892				
North Platte	2,626	23	27.06	30.14	29.8	-2.1	67	13	42	- 11	11	21	35	69	0.11	- 0.6	3	7,053	w.	37	n.w.	23	12	6.4	70	1890	- 27	1892				
<i>Middle Slope.</i>																																
Denver	5,309	25	24.67	30.16	34.0	-0.6	69	13	46	5	2	23	12	42	9	41	0.01	- 0.6	1	7,298	s.	60	n.w.	30	12	18	1.4	74	1885	- 28	1878	
Pueblo	4,734	8	25.24	30.16	30.9	-0.1	68	10	44	6	2	23	12	43	19	53	0.48	- 0.6	4	5,805	n.w.	51	w.	30	15	11	5.8	64	1890	- 18	1892	
Concordia	1,410	11	26.55	30.11	33.3	-0.8	62	16	43	6	2	23	12	44	19	64	0.03	- 0.7	2	5,529	n.	30	s.	16	17	2.3	72	1889	- 10	1892		
Dodge City	2,504	23	27.41	30.13	33.8	-0.7	68	16	46	3	2	23	12	45	20	69	0.31	- 0.5	5	7,743	n.w.	43	n.w.	28	17	11	3.8	79	1894	- 15	1876	
Wichita	1,351	8	28.60	30.09	35.4	-0.2	66	16	44	6	2	23	12	46	24	71	1.37	+ 0.5	4	8,039	n.	36	n.w.	11	16	5.6	75	1894	- 1	1894		
Oklahoma	1,289	23	28.78	30.14	38.4	-0.3	67	16	47	11	2	23	12	47	23	78	0.78	+ 1.3	6	7,206	n.	32	s.	30	4	3.5	74	*	- 1	1894		
<i>Southern Slope.</i>																																
Abilene	1,749	11	28.27	30.16	45.2	-1.5	74	21	56	20	*	34	37	30	66	2.66	+ 1.4	6	7,769	w.	36	n.w.	19	19	5	3.5	81	1893	6	1894		
Amarillo	3,691	26.26	30.16	35.0	-0.1	72	13	46	7	2	26	34	40	20	64	0.79	6	10,901	n.	46	s.w.	13	15	11	5	4.0	75	1894	0	1894
<i>Southern Plateau.</i>																																
El Paso	2,767	18	26.26	30.20	42.4	-2.7	68	7	56	14	31	29	43	16	43	0.31	- 0.8	2	7,701	n.w.	46	s.w.	16	19	9	3	2.5	76	1890	- 5	1890	
Santa Fe	6,998	23	29.24	30.22	35.9	-6.8	68	12	35	9	29	30	37	9	52	1.08	+ 0.4	8	5,442	n.e.	47	s.e.	19	22	5	4	3.0	65	1878	- 13	1879	
Phoenix	1,106	25	28.95	30.15	46.6	-4.2	76	12	33	23	29	30	35	31	56	0.09	- 1.0	0	2,969	s.	36	n.w.	24	24	9	2.3	70	*	- 1	1894		
Yuma	141	20	29.97	30.12	54.0	-3.3	68	12	36	30	30	35	33	23	34	0.00	- 0.6	0	5,464	n.	45	n.e.	21	16	1.5	29	84	25	1891	25	1891	
Independence	3,884	11	26.14	30.22	37.8	-4.0	66	12	51	21	21	35	35	18	50	0.08	4,552	n.w.	53	n.	23	18	6	3.2	32	*			
<i>Middle Plateau.</i>																																
Carson City	4,720	9	25.39	30.27	33.8	-1.1	65	12	46	- 2	29	12	42	17	51	1.40	- 1.2	7	7,750	e.	58	n.w.	28	17	1	13	4.3	65	1896	- 7	1899	
Winnemucca	4,340	17	25.77	30.31	26.8	-5.0	54	11	38	- 12	18	15	39	16	66	0.89	- 0.4	12	7,750	e.	58	n.w.	28	8	8	8.1	61	1874	- 20	1879		
Salt Lake City	4,345	23	25.77	30.36	26.4	-5.1	45	15	34	- 2	29	19	39	20	71	1.68	3	8,040	s.e.	44	n.	28	8	7	21	8.1	1874	- 10	1879		
<i>N. Pac. Coast Reg.</i>																																
East Clallam	40,5	57	11	45	26	12	36	17	36	15	41	44	90	26.50	28	e.	37	s.	31	4	3	24	8.5	*			
Fort Canby	179	18	29.88	30.08	43.5	-0.7	56	11	48	31	17	39	15	41	24.17	+ 3.8	28	16,443	w.	73	s.	31	1	1	27	8.9	58	1886	21	1894		
Neal Bay	11	29	29.84	30.33	43.9	-0.7	59	11	50	27	17	37	28	35	23.88	+ 9.4	28	17,000	s.	37	s.	31	2	12	17	7.5	64	1888	18	1894		
Port Angeles	29	12	29.88	30.96	40.3	-2.1	54	11	46	22	17	35	20	35	84	7.95	+ 2.															

TABLE II.—*Meteorological record of voluntary and other cooperating observers, December, 1895.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>																				
Alco ^t	75	20	48.7	4.29		In.	Blanchard Springs ^t	75	17	46.1	2.54		T.	Goshen ^s	70	22	41.9	0.25		In.
Ashville ^t	70	14	42.8	4.02		T.	Brinkley ^t	70	20	46.1	3.55	5.0	T.	Grass Valley	70			7.27	4.0	
Bermuda ^t	75	17	49.6	3.89			Camden ^t	73	19	45.6	2.03	1.8		Greenville ^t	54	—2	31.3	5.17	12.5	
Brewton				3.00			Conway ^t	67	18	42.8	4.18	5.0		Guinda				1.92		
Carrollton ^{*t}	68	22	45.6	4.50		T.	Corning ^t	65	15	39.3	2.75	3.7		Healdsburg ^t	66	27	48.5	4.56		
Citronelle ^t	86	23	51.6	4.44			Dallas ^t	64 ^b	18 ^b	40.0 ^b	5.84			Hollister	68	23	46.0	1.07		
Clairborne ^t				1.00			Dardanelle ^t							Humboldt L. H.				0.23		
Clanton ^t	69	19	44.8	3.87			Elon ^t	78	20	50.0	2.75	0.2		Hydesville ^t	64	26	44.8	6.17		
Colliren ^e	70	23	47.9	2.70		T.	Fayetteville ^t	68	10	41.0	6.12	0.5		Indio ^s	82	19	54.9	0.00		
Cordova ^t				4.21			Forrest ^t	71	18	45.2	2.81	4.0		Iowa Hill ^t	71	28	44.4	5.87	6.0	
Daphne ^t	79	26	51.6	6.27		T.	Fort Smith							Jackson	58	24	40.9	8.67		
Decatur ^t	69	13	41.4	3.27			Fulton ^t							Jolon				0.50		
Demopolis ^t				3.33			Gaines Landing ^t							Julian ^t	70	23	44.6	0.75	T.	
Elba ^t	73	20	46.2	4.63			Helena ^a							Keefer ^s	66	26	43.4			
Eufaula ^t	70	21	47.4	2.77		T.	Helena ^b	69	21	44.4	2.60	0.2		Keene ^s	68	28	40.7	1.90		
Evergreen ^t	73	18	47.8	4.16		T.	Hot Springs ^a	67	18	45.8	4.00	5.0		Kennedy Gold Mine	61	24	41.6	3.62		
Florence ^t				5.46			Hot Springs (near)							Kernville				0.40		
Florence ^b	70	19	43.6	5.27		T.	Keesee Ferry ^t							King City ^s	68	20	45.8	0.49		
Fort Deposit ^t	72	22	48.8	1.58			Kirby ^t	66	18	44.4	5.55			Kingsburg ^s	65	23	42.1	0.55		
Gadsden ^t	69	17	42.8	3.93			La Crosse ^t	64	8	39.2	3.44	3.0		Kono Tayee	66	23	44.0	2.12		
Goodwater ^t	73	15	44.4	4.04		T.	Little Rock							Lagrange ^s	72	27	45.2	1.55		
Greensboro ^t	74	23	45.5	3.91			Lono ^t	70	20	44.2	2.87	0.8		La Porte ^t	59	12	31.5	9.98	41.0	
Healing Springs ^t	76	18	46.4	3.38			Madding ^t							Lemoore ^s	70	23	41.8	0.24		
Highland Home ^t	71	22	46.8	3.37			Malvern ^t	68	18	41.8	3.54	5.0		Lick Observatory ^t	67	23	41.4	3.16	9.0	
Livingston ^t	72	18	45.3	4.84		T.	Mount Nebo ^t	59	10	41.6	5.82			Lime Kiln	68	25	44.3			
Lock No. 4				3.41			New Gascony ^t	68 ^d	20	47.5 ^t	2.56	3.5		Lime Point L. H.				1.62		
Madison Station ^t	68	16	43.2	2.98		T.	Newport ^t	66	12	42.2	4.72	3.0		Los Alamos ^t	62	26	44.8	1.50		
Maple Grove ^t				2.90		T.	Newport ^c	67	16	43.8	4.38	3.0		Los Gatos ^b	58	31	46.2	2.22		
Marion ^t	68	22	45.5	2.30		T.	Oscella ^t	66	19	44.0	4.63	4.0		McMullin ^s	68	20	42.8		9.5	
Mobile ^t				2.30		T.	Ozark ^t	65	15	43.2	6.39	0.5		Malakoff Mine ^t	70	22	40.1	7.36		
Montgomery ^t				2.30		T.	Pine Bluff ^t	71	20	49.0	3.12	2.8		Mammoth Tank ^s	81	23	51.2	0.00		
Mount Willing ^t	74	19	50.0	3.84			Pocahontas ^t	68	11	38.6	2.21	0.8		Manzanita	65	16	38.9	0.18		
Newbern ^t	74	20	45.8	3.53			Rison ^t	73	17	45.1	3.00	3.0		Mare Island L. H.				1.11		
Newburg ^t	75	14	48.8	6.81		T.	Russellville ^t							Mered ^s	65	27	45.2	1.08		
Newton ^t	75	17	47.0	2.68			Silver Springs ^t	64	5	39.4	6.67	0.8		Middleton ^t	66	22	42.3	5.59		
Oneonta ^t	68	12	41.3	2.31		T.	Stuttgart ^t	70	19	44.1	3.70	4.5		Mill College				1.98		
Opelika ^t	69	23	48.0	3.58			Warren ^t	72	20	46.2	2.65	0.5		Mohave ^s	68	31	42.8	0.00		
Oxanna ^t	66	15	41.8	2.34			Washington ^t	70	22	46.0	3.42	0.5		Mokelumne Hill ^s	69	29	41.2	2.88	3.0	
Pine Apple ^t	72	21	46.9	1.05			Wiggs ^t	59	8	35.8	10.04	1.5		Monterey ^s	68	28	53.2	1.46		
Pushmataha ^t	75	19	47.6	5.00		T.	Winslow ^t	59	6	40.2	9.47	2.5		Mount Frazier ^t	62	28	45.4	0.68		
Scottsboro ^t	67	8	43.0	3.08			Witts Springs ^t							Mount Glenwood ^t	62	28	45.4	2.53		
Seima ^t				3.67			California.							Mutah Flat ^t				1.10		
Tuscaloosa ^t	73	19	42.3	5.74			Adin ^t	58	—19	29.0	2.26	15.0		Napa ^t	64	22	47.6	1.47		
Tuscumbia ^t	71	18	43.6	3.08		T.	Ager ^t	58	4	31.6	2.71			Needles ^t	69	20	47.6	0.00		
Union ^t	71	19	47.4	6.81			Agnew ^t	64	24	45.3	1.15			Nevada City ^t	65	20	39.7	6.14	10.0	
Union Springs ^t	71	20	45.2	5.04		T.	Arlington Heights	64	29	52.0	0.18			Newcastle ^t	58	27	41.3	2.91		
Uniontown ^t	73	21	47.4	3.69			Bath ^t	72	28	43.4	0.76			Newhall ^s	63	19	48.1			
Valley Head ^t	66	11	42.0	3.25			Bodie ^t	51	—19	20.6	1.35	12.5		Nordhoff ^t	68	24	50.6	0.62		
Warrior ^t				3.52 ^b			Bowmans Dam ^t							Oakland ^a	62	23	46.9	1.74		
Wetumpka ^t				3.52 ^b			Caliente ^t	65	27	46.1	1.20			Ogilby ^s	77	23	52.0	0.15		
<i>Alaska.</i>							Callaway Canal ^t							Oleta ^t	60	24	40.5	3.50	2.0	
Killisnoo ^t	42	15	31.2	8.55			Cape Mendocino L. H.							Orange	79	29	58.4	0.46		
Arizona.							Cedarville ^t	54	—4	28.6	1.84			Orangegrove ^t	60	27	44.1	1.86		
Benson ^s	78	30	51.2	0.00			Centererville ^t	64	37	50.2	1.38			Orland ^s	62	28	43.2	1.15		
Bisbee ^t	67	20	44.0	0.48			Chino ^t	86	27	53.2	0.66			Ormonde ^t				6.82	18.0	
Buckeye ^t	85	21	49.7	0.00			Chico ^t	68	28	45.3	1.78			Oroville ^t	60	28	46.1	2.59		
Calabashas ^t	70	13	42.2	0.10			Cisco ^t	47	14	28.6	0.90			Paloherd ^t	60	26	43.4	0.67		
Casa Grande ^s	82	28	54.4				Claremont ^t	59	30	48.2	5.63			Piedras Blancas L. H.				0.25		
Dragoon ^t				1.26			Cloverdale ^t							Pigeon Point L. H.				1.83		
Dragoon Summit ^t	62	20	44.2	0.00			Colegrove ^t	62	30	45.9	2.17			Point Conception L. H.				8.28	50.0	
Dudleyville ^t	72	18	42.3	0.69			Corning ^t	62	30	46.3	2.17			Point Fermin L. H.				0.20		
Flagstaff ^t	56	—7	27.0				Coronado ^t	68	44	61.9	0.27			Point George L. H.				2.54		
Fort Apache ^t	62	34	40.0	1.12			Crafton ^t	76	26	47.4	0.54			Point Hueneme L. H.				0.38		
Fort Grant ^t	73	17	45.3	0.61			Crescent City ^t	63	30	46.8	7.11			Point Lobos ^t	56	38	47.7	1.06		
Fort Huachuca ^t	69	18	43.6	0.55			Davylsville ^t	85	29	52.8	1.19			Point Loma L. H.				0.05</		

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>	°	°	°	In.	In.	<i>Colorado—Cont'd.</i>	°	°	°	In.	In.	<i>Florida—Cont'd.</i>	°	°	°	In.	In.
San Jose b	64	20	44.8	0.84		Hugo + ^t	65	—4	34.0	0.25	2.5	Grasmere +	79	34	56.7	1.11	
San Leandro ^a	73	36	51.8	2.26		Hugo (near) +	71	—7	26.2	0.11	1.8	Green Cove Springs +	71	26	50.6	1.28	
San Luis L. H.	73	36	51.8	0.58		Husted +	66	—11	28.3	0.64	8.0	Hypoluxo + ^t	81	41	67.1	5.61	
San Luis Obispo a	73	36	51.8	0.84		Jamestown	57	—5	24.0	T.	T.	Kissimmee +	91	39	61.8	0.48	
San Mateo ^a	64	34	50.3	1.63		Julesburg +	68	0	28.8	T.	T.	Lake City +	76	28	55.6	1.58	
San Miguel ^a	69	20	44.3	0.56		Kit Carson + ^t	66	0	28.8	6.5	Lemon City +	86	42	66.6	0.92	
San Miguel Island +	72	40	54.6	0.48		La Jara +	52	—15	18.8	0.06	1.0	Manatee +	83	29	57.1	1.13	
San Rafael +	62	26	48.8	3.99		Lake Moraine +	48	—24	18.1	0.88	9.2	Merritts Island +	79	39	61.6	1.11	
Santa Ana ^a	95	30	64.2	0.70		Laporte	0.35	Milton +	6.45	
Santa Barbara a	84	38	55.1	0.93		Las Animas +	64	—11	30.7	1.96	16.0	Mullet Key +	75	40	58.6	0.68	
Santa Barbara L. H.	0.98		Lay + ^t	40	—22	12.8	1.40	14.0	Myers +	79	40	62.0	1.76	
Santa Clara a ^a	62	28	47.9	0.77		Leadville (near) + ^t	65	—19	18.4	0.85	14.0	New Smyrna +	89	32	56.0	1.89	
Santa Cruz b	73	29	50.7	2.15		Leroy +	59	—1	28.9	0.12	1.2	Oak Hill +	80	37	60.4	
Santa Cruz L. H.	2.40		Longmont +	65	—4	27.7	0.18	1.3	Ocala + ^t	78	24	54.0	0.60	
Santa Maria	78	31	52.4	0.60		Long Peak	0.17	1.7	Orange City +	89	32	57.0	0.87	
Santa Monica ^a	69	42	59.2	0.38		Loveland	0.20	Orlando +	83	32	58.2	1.78	
Santa Paula b	85	32	54.2	0.85		Meeker +	46	—25	18.4	0.75	16.5	Plant City +	81	27	58.6	1.79	
Santa Rosa ^a	67	25	46.4	2.95		Millbrook +	57	—30	18.3	1.05	10.9	St. Francis +	82	32	58.0	1.15	
Saticoy	0.50		Minneapolis +	73	3	31.4	0.90	9.0	St. Francis Barracks	78	31	54.9	0.50	
Shasta	60	13	24.8	5.02	20.0	Monte Vista	44	—20	14.9	0.02	0.5	Tallahasse +	73	26	49.6	2.34	
Shasta Springs +	60	13	24.8	5.02	20.0	Montrose +	54	—12	23.4	1.80	13.0	Tarpon Springs +	78	31	56.3	0.73	
S. E. Farallone L. H.	60	28	45.2	1.74		Moraine +	56	—7	24.0	0.04	0.5	<i>Georgia.</i>	
Stanford University	60	28	45.2	0.11		Ouray +	47	—5	22.6	2.40	24.0	Adairsville + ^t	69	14	41.8	3.25	T.
Stockton a	62	25	43.9	1.20		Pagoda	47	—23	14.5	1.35	13.5	Albany +	76	18	48.6	3.28	
Summerdale +	3.11	24.0	Parachute +	44	—17	14.4	0.55	5.5	Americus +	75	16	47.8	3.13	0.1
Susanville +	50	5	39.9	2.91	17.5	Pinkhamton	0.70	7.0	Atlanta	73	20	49.6	2.88	
Sutter Creek ^a	57	22	37.2	2.47	Pueblo	.....	.....	.....	0.50	4.7	Blakely + ^t	73	14	49.0	0.98	
Tecate Dam ^a	79	18	39.4	0.56	Rangely +	41	—33	4.4	0.60	6.0	Brag	75	14	42.1	4.64	0.2	
Tehama ^a	62	30	45.8	2.50	Rico +	48	—16	18.5	2.75	27.5	Brunswick	78	27	53.0	1.00	5.0	
Tejon Ranch	.....	.....	.....	1.06	River Bend ^a	64	0	31.3	.....	2.0	Canton +	74	17	45.4	3.94	T.
Templeton ^a	68	21	43.4	1.21	Ruby +	68	—10	30.0	0.57	7.0	Clayton +	63	12	39.6	5.68	0.5	
Trinidad L. H.	.....	.....	.....	6.99	Saginache +	45	—14	16.6	0.00	4.7	Covington +	67	15	43.7	3.88	
Truckee ^a	50	—10	26.6	2.96	.....	.....	.....	.....	0.50	1.5	Dahlonega +	69	18	42.1	4.64	
Tulare b	80	23	44.6	0.36	Ranney +	41	—33	4.4	0.60	6.0	Diamond +	64	9	38.2	5.71		
Turlock +	65	24	43.8	0.84	St. Cloud +	45	—14	16.6	0.00	4.7	Elberton +	74	17	45.4	3.94		
Ukiah +	62	21	42.9	4.98	San Luis +	56	—30	15.9	1.81	19.0	Fleming +	77	16	49.0	2.07		
Upper Mattole ^a	74	30	46.8	2.58	Santa Clara + ^t	66	—12	23.7	2.90	29.0	Forsyth +	78	24	49.6	4.73		
Vacaville ^a	64	29	45.3	1.87	Seibert +	63	—10	29.0	T.	T.	Fort Gaines +	71	18	49.7	3.59		
Ventura +	61	36	55.9	0.67	Smoky Hill Mine +	73	—10	29.0	T.	T.	Gainesville +	65	14	41.5	4.26		
Volcano Springs ^a	64	18	55.2	0.00	Stamford + ^t	50	—16	19.6	1.85	16.5	Gillivray +	73	18	43.5	3.83		
Walnut Creek	60	26	44.5	1.49	Surface Creek +	43	—6	22.1	0.55	5.5	Hepzibah + ^b	70	24	47.8	8.90		
Washington ^a	65	14	36.4	5.55	Thorn +	66	—5	23.4	0.20	2.0	Lagrange +	68	15	44.5	3.86		
West Point +	.....	.....	.....	3.88	T. S. Ranch +	49	—5	22.4	0.45	4.5	Louisville +	75	14	45.0	3.10	
Wheatland	58	25	42.5	1.51	Twin Lakes	.....	.....	.....	0.50	5.0	Marietta +	70	15	42.4	3.61	
Williams ^a	63	27	44.7	1.01	Villas	.....	.....	.....	0.30	3.0	Marshallville +	72	21	48.1	3.75	T.
Willows ^a	60	26	44.1	0.82	Wallet +	48	6	27.8	.....	.....	Milledgeville +	73	21	45.8	3.72	
Wilmington ^a	77	38	59.5	2.27	Watkins + ^t	65	0	29.8	0.32	5.0	Millen +	75	15	47.0	2.87	2.5	
Wire Bridge ^a	59	22	43.6	2.74	Yuma	.....	.....	.....	0.10	1.0	Monticello + ^t	71	21	47.6	2.60	
Yerba Buena L. H.	1.22	<i>Connecticut.</i>	Bridgeport	58	12	35.2	2.45	0.2	Morgan +	80	16	48.0	2.64	
Yreka +	57	1	31.0	4.31	Canton +	59	2	32.4	4.10	1.5	Point Peter + ^t	60	13	43.6	4.30	
Yuba City ^a	62	34	48.2	1.25	Colchester	60	9	35.2	3.58	3.0	Poulant +	76	16	48.4	3.23	1.0	
Engineers Quarters +	.....	.....	.....	1.75	Falls Village	.....	.....	.....	0.50	0.5	Ramsey +	69	11	44.6	3.78	0.8
Morses House +	.....	.....	.....	3.11	Greenfield Hill	.....	.....	.....	0.50	0.5	Resaca +	.....	.....	.....	3.20	
Grass Valley +	28	32	32.2	1.9	Hartford b	.....	.....	.....	0.50	0.5	Rome +	68	17	42.2	3.80	T.
Deep Creek +	1.09	3.0	1.09	3.0	Hartford b	.....	.....	.....	0.50	0.5	Talbotton +	71	18	45.4	4.25	
Holcomb Creek +	.....	.....	.....	0.41	Lake Konomoo	59	5	34.0	2.21	.....	Thomasville +	74	20	51.0	2.37	
Squirrel Inn +	.....	.....	.....	1.98	Middleton	50	4	33.6	3.89	2.0	Toccoa +	68	14	46.0	2.87	
Green Valley +	1.40	4.6	4.6	4.6	New Haven	57	11	35.4	1.40	4.0	Washington +	70 ^t	25 ^t	46.5	3.47		
Tunnel No. 2 +	.....	.....	.....	0.98	.....	.....	.....	0.50	0.5	<i>Idaho.</i>	.....	.....	.....	.....
<i>Colorado.</i>	.....	.....	.....	1.8	.....	.....	.....	0.50	0.5	American Falls +	46	—5	28.6	1.60	11.0	
Almat +	46	—14	14.8	0.35	.....	.....	.....	0.50	0.5	Atlanta +	45	—8	19.8	4.30	61.0	
Antler +	46	—19	16.0	4.0	.....	.....	.....	0.50	0.5	Blackfoot +	43	—6	21.8	.....		
Boxelder +	.....	.....	.....	0.16	.....	.....	.....	0.50	0.5	Bliss +	53	—2	27.9	1.76		
Breckenridge +	60	—26	18.2	2.67	26.7	.....	.....	.....	0.50	0.5	Boise Barracks +	46	—7	30.4	0.69	3.8
Brush +	60	—6	29.2	1.00	10.0	.....	.....	.....	0.50	0.5	Challis +	46	—10	20.7	0.55	5.5
Byers + ^t	65	10	26.0	0.43	.....	.....	.....	0.50	0.5	Chesterfield +	40	—23	14.5	0.67	6.4	
Canyon +	67	—4	38.0	7.0	.....	.....	.....	0.50	0.5	Coeur d'Alene +	55	—7	30.0	3.38	33.5	
Castle Rock +	64	—12	27.6	0.20	2.0	.....	.....	.....	0.50	0.5	Corral + ^t	37	—21	17.4	3.38	
Climax ^a	39	—23	7.4	4.50	45.0	.....	.....	.....	0.50	0.5	Dairy +	55	—1	28.2	0.98	
Collbran +	.....	.....	.....	1.48	14.8	.....	.....	.....	0.50	0.5	Downey +	39	—11	19.9	0.61	7.5
Colorado Springs +	66	—1	28.5	1.18	2.9	Dover +	65	17	39.8	1.82	Fort Lemhi +	43	—8	19.8	0.62	
Cope + ^t	64	0	30.9	0.10	1.2	.....	.....	.....	0.50	0.5	Fort Sherman +	50	4	30.0	5.06	31.9
Crook +	61	—2	29.1	0.08	0.8	.....	.....	.....	0.50	0.5	Fraser +	60	0	28.8	2.50	25.0
Deer Trail ^a	56	—3	34.0	0.00	.....	.....	.....	0.50	0.5	Grangeville +	53	9	30.9	1.94	19.4	
Delta +	47</td																

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Illinois—Cont'd.</i>																	
Alexander†	0	0	0	In.	In.	<i>Indiana.</i>	0	0	0	In.	In.	<i>Iowa—Cont'd.</i>	0	0	0	In.	In.
Altamont*	60	-3	34.0	6.82	1.5	Anderson†	60	6	38.4	3.68	17.8	Grinnell†	55	1	36.6	2.16	0.8
Altamont*	56	-2	36.0	4.95	11.8	Angola*†	65	-1	30.6	6.41	16.8	Grundy Center	51	4	24.0	1.38	6.5
Ashton*†	52	-8	24.2	2.99	2.5	Ashboro†	69	-1	35.0	3.97	12.8	Guthrie Center	58	0	25.2	0.67	6.2
Atlanta				7.77	2.5	Bedford†	62	10	36.0	8.80	9.0	Hampton	43	6	21.1	1.31	7.1
Atwood*†				7.77	2.5	Bloomington†				3.47	15.0	Hopeville†	59		26.5	1.65	6.5
Aurora*	56	-8	30.0	7.43	8.0	Bluffton†	59	3	31.8	3.77	9.0	Humboldt†	51	8	23.5	0.34	2.0
Aurora†	55	-7	36.9	5.89	3.2	Butlerville†	63	9	25.9	8.48	11.6	Independence†	43	5	23.8	1.72	5.7
Beardstown†				5.73	T.	Cambridge City†	60	6	35.3	3.93	17.6	Indianola†	59	2	26.2	3.55	6.0
Bloomington†	59	-2	31.0	7.63	2.6	Columbia City*†	58	1	30.6	5.89	16.9	Iowa City a†	55	5	27.3	2.84	3.0
Bushnell†	56	-8	31.7	T.	Columbus†	63	5	34.2	8.86	12.5	Iowa City b	49	3	27.8			
Cairo					Connersville†	63	7	32.2	3.45	9.8	Iowa Falls†	52	7	22.4	1.27	8.0	
Cambridge	57	2	29.1	3.58	2.8	Delpin†	59	4	34.2	4.86	10.2	Keokuk†				0.9	
Carlinville†	59	4	34.1	6.75	4.0	Edwardsville†	65	14	38.8	4.21	6.2	Keosauqua†	53	2	29.3	3.02	T.
Carlyle				4.83		Evansville†	66	11	36.8	3.91	10.8	Knoxville	56	0	26.3	1.53	6.8
Carrollton	60	5	38.4	6.70	1.2	Farmland†	63	2	34.0	3.74	20.2	Larrabee†	47	9	24.5	0.08	0.8
Catlin†	58	4	30.4*	5.13	9.0	Franklin*†	62	3	33.9	4.06	17.5	Le Claire†				2.36	1.2
Cazenovia*†	56	0	39.0	6.25	2.0	Greencastle†	61	8	33.5	8.40	12.5	Lenox*†	55	1	26.8	0.10	1.0
Chemung*†	50	-8	27.1	2.59	8.2	Hammond†	58	1	30.6	6.30	7.0	Logan†	50	8	23.1	1.40	10.4
Chester†				4.72	6.0	Huntington†	60	6	31.8	4.82	16.5	Madrid	55	8	25.9	0.48	1.5
Chicago					Indianapolis						Malvern*†	54	8	25.1	1.76	0.8	
Cline†	62	6	37.3	3.64	12.8	Jasper†	63	10	38.8	3.91	13.0	Marshall†				0.73	7.5
Clear Creek†	57	-3	28.8	5.16	1.0	Jeffersonville	64	13	38.9	4.81	6.6	Mason City†				2.85	5.0
Coatsburg†	62	1	32.6	3.68	2.0	Kokomo†	60	4	32.4	5.68	20.2	Maxon*†	62	5	26.8	2.26	2.4
Cordova†				2.32	1.3	Lafayette†	61	2	31.5	3.86	9.7	Mechanicsville	59	8	22.3	2.47	7.0
Decatur†	58	2	38.4	6.47	5.5	Logansport†	61	7	32.9	5.68	16.5	Monticello*†	49	8	23.5		
Dixon†	56	-2	27.2	2.00	2.0	Lyford†	61	0	38.0	4.47	12.8	Mount Ayr†	59	3	26.4	1.68	9.0
Duquoin*†	61	10	37.1	5.69	11.5	Madison†	64	13	39.0	3.99	9.5	Mount Pleasant*†	57	2	29.6	3.86	1.2
East Peoria†	60	1	32.0	4.66	T.	Marengo*†	62	11	37.2	5.61	11.1	Mount Vernon†	54	5	25.8	0.60	5.0
Effingham†	65	3	37.4	5.70	10.0	Marion†	61	7	35.9	3.27	15.2	Newton†	56	1	26.0	1.98	5.1
Evanston*†	48	-3	28.5			Mauzy†	61	5	32.8	4.08	14.8	North McGregor†				0.1	
Fort Sheridan†	56	-3	28.1			Mount Vernon†	63	11	37.2	3.19	10.6	Ogden	54	4	24.6	1.00	8.0
Frederick*†	62	1	32.1	5.35	1.0	Princeton*†	62	7	36.5	4.15	16.0	Osage*†	59	2	20.0	1.28	5.5
Friend Grove*†	10	38.2	2.05	5.2	Rensselaer†	65	12	36.5	6.60	2.0	Oskaloosa†	59	7	26.2	1.96	5.0	
Galva†	58	-3	28.6	4.90	3.8	Rockville†	61	0	32.5	3.82		Ottumwa	58	1	26.8	3.95	3.7
Gilmant	58	1	32.3	7.91	4.0	Scottsburg*†	62	11	35.8	3.87	10.0	Ovid†	58	0	26.4	2.62	5.5
Glenwood*†	58	-4	28.1	5.75	3.0	Seymour†	62	10	34.9	3.71	12.5	Panama*†				2.3	T.
Golconda†	65	14	42.0	3.46	9.9	South Bend†	57	-1	30.9	8.25	17.5	Portsmouth	54	1	28.3	0.20	1.0
Grafton†				7.28	3.0	Sumner†	60	-2	32.9	3.54	13.4	Pringhar	49	10	22.8	0.10	1.0
Greenville†	61	5	35.7	5.45	12.0	Syracuse†				7.35	18.0	Rock Rapids	42	-16	18.4	0.10	1.0
Griggsville†	63	0	35.6	6.21	1.6	Terre Haute†	63	8	35.8	3.79	8.0	Sac City†	48	3	28.8	0.08	0.8
Halliday*†	63	9	38.9*	3.56	8.0	Tipton†	61	9	33.3	4.13	13.8	Seymour†	60	0	26.3	4.55	3.5
Havana†	63	8	35.4	6.03	T.	Valparaiso†	57	-1	28.7	7.66	9.5	Sibley	51	0	29.0	0.15	1.5
Herrine Prairie*†	62	16	39.9	5.70	17.0	Vevay†	68	14	38.8	3.80	11.0	Sidney	51	0	29.0	1.49	3.2
Hillisboro*†	63	4	36.0	5.44	4.5	Vincennes†	63	3	33.9	3.27	8.0	Sioux City				1.0	
Iron†	64	11	38.2	3.40	15.0	Worthington†	62	2	35.0	3.88	16.6	Spirit Lake	49	9	21.0	0.05	0.5
Joliet†	60	0	32.0	6.62	1.8	<i>Indiana Territory.</i>						Toledo	52	6	23.8	1.83	3.0
Jordan Grove†	62	7	38.5	5.45	7.3	Eufaula†						Villisca†	60	1	25.8	0.90	5.5
Kankakee*†	62	3	31.3	5.81		Headlton†	72	15	44.5	7.27	6.0	Vinton*†	51	10	25.7	1.74	2.0
Kankakee*†	60	3	31.0			Kemp†	69	11	43.8	3.57	T.	Washington†	57	3	26.8	2.61	2.0
Knoxville*†	56	0	30.2	5.13	1.3	Lehigh†	68	13	43.4	3.40		Waterloo	52	4	25.0	1.52	3.5
Lagrange†	56	-4	28.4	6.04	1.2	South McAlester†	67	17	42.6	2.70	2.0	West Bend*†	43	6	20.8	0.40	4.0
La Harpe*†	60	0	29.6	3.65	1.3	Tahlequah†	82	0	41.8	5.66	0.6	What Cheer				2.40	4.0
Landark*†	51	-3	26.8	1.41		Tuisa†	65	18	38.6	12.70		Wilton Junction†	54	3	28.2	2.28	1.0
Lexington†	58	1	31.0	6.88	1.8	<i>Iowa.</i>						Winter set†	58	3	25.4	0.85	8.5
Loam†				8.00	0.5	Afton†	57	-1	26.0	2.00	10.0	<i>Kansas.</i>					
Louisville†	61	2	35.6	3.77	11.1	Algona*†	41	-7	32.5	0.24	2.0	Abilene†	63	6	32.4	0.80	T.
McLeansboro*†	69	9	35.0	2.85	11.2	Altat†	46	-7	32.8	0.04	0.5	Achilles*†	70	-1	24.2	0.35	3.5
Martinsville†	60	2	34.3	4.30	12.8	Amana†	54	-5	25.4	2.52	8.8	Altoona*†	60	10	30.9	6.05	6.0
Mascouton†	63	3	38.8	5.75	8.5	Ames†	54	-6	25.0	1.50	12.0	Atchison†				2.56	9.2
Mattoon	57	10	36.4	3.36	1.0	Ames c						Baker	61	1	30.4	1.13	10.5
Minonk*†	54	-1	29.2	6.33		Atlantic†	55	2	25.6	0.66	4.0	Beloit†	60	5	30.3	0.06	
Mouthmouth†	58	-1	29.8	4.81	2.0	Atlantic (near)†	58	9	29.8	0.78	4.0	Blaine	60	5	30.7	0.77	1.8
Morrisonville†	60	0	33.3	4.88	5.2	Audubon†	55	1	26.5	0.65	4.0	Burlington†	62	5	32.8	3.33	1.0
Mount Carmel†				3.58		Beknkap†	48	0	27.7	3.36	5.1	Campbell	59	0	29.5	0.25	0.5
Mount Pulaski†	60	0	33.2	7.42	5.0	Belle Plaine†	48	-8	24.4	2.66	4.6	Colby†	67	-4	29.6	0.48	5.1
Mount Vernon†	70	10	39.3	3.80	10.0	Bonaparte†	58	-3	28.6	4.10	2.0	Coldwater†	67	3	34.0	0.20	2.0
New Burnside†	65	4	38.8	2.05	14.5	Carroll†	53	-4	24.4	0.30	3.0	Collyer*†	64	6	33.3	0.40	4.0
Olney a*†	60	7	37.0	3.47	12.4	Cedar Falls†	51	-4	24.4	0.90	5.0	Columbus†	69	7	34.8	10.50	7.5
Olney b*†	57	4	31.4	3.85		Cedar Rapids†	55	0	27.2	2.20	4.7	Concordia†				0.1	
Oregon	55	-6	26.5	2.68	3.0	Centerville†	54	2	28.8	2.40	7.5	Coolidge†	65	-7	28.8	0.80	8.0
Oswego*†	49	-8	26.4	6.10	0.2	Chariton†	54	-4	21.0	1.08	6.1	Cunningham†	64	1	33.8	0.45	3.5
Ottawa†	57	-2	28.2	5.77	2.2	Charles City†	40	-4	21.0	0.94		Dodge City	64	1	33.8	0.45	2.1
Palestine†	63	8	35.0	3.69	14.0	College Springs†	60	0	27.9	0.26	6.5	Downs				0.10	1.0
Paris†	61	3	39.4	3.05	7.2	Corning†	60	0	27.9	0.26		Dresden†	64	0	32.8	0.35	3.5
Peoria a†				4.31	1.0	Cresco†	49	-8	19.7	1.13	7.0	Eldorado†	63	4	33.0	2.40	1.0
Peoria b†	59	5	38.0	5.86		Davenport†	51	-13	23.8	1.90	7.0	Elli City*†	60	11	35.2	6.12	8.2
Philo†	58	-4	31.3	4.99	8.5	Decorah†	51	-3	24.0	T.	T.	Ellinwood*†	62	10	30.0	0.54	2.8
Plum Hill*†	62	10	34.6	4.51	4.5	Delaware*†	51	-3	23.8	2.53	3.2	Emporia†	66	9	34.4	4.25	5.0
Rantoul*†	58	0	31.3	6.92	7.5	Dows†	51	-9	21.8	0.93	5.0	Englewood†	72	8	34.8	0.02	0.4
Reynolds†		-2	28.7	3.39	3.1	Dubuque†	51	-2	23.8	2.53		Eureka Ranch†	66	-3	31.6	0.33	3.2
Riley†	53	-7	26.1	3.00	1.9	Eldridge†	51	-2	23.8								

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
Kansas—Cont'd.	°	°	°	In.	In.		Louisiana—Cont'd.	°	°	°	In.	In.		Massachusetts—Cont'd.	°	°	°	In.	In.	
Ionia †	62	0	31.4	0.05	0.5		Emilie †	74	25	51.2	5.36	T.	0.5	Amherst Ex. Station b	65	— 3	32.0	3.94	8.0	
Jaqua †	64	— 9	30.0	0.10	1.0		Farmerville	73	20	47.3	2.99			Andover	61	— 2	32.8	1.76	7.5	
Lawrence †	61*	4	32.2	3.38	7.0		Franklin †	79	26	53.6	6.06			Ashland			3.50	6.0		
Lebo †	62	3	32.5	3.95	2.5		Grand Coteau	74	30	53.0	4.82			Attleboro			2.92			
Lyons	70	6	37.2	0.32	.....		Hammond †	73	22	50.1	4.31			Bedford	62	4	32.8	2.08	6.0
Macksville †	63	2	33.4	T.	T.		Houma †	76	22	50.8	2.96			Beverly Farms	54	7	32.2	4.11	14.0	
McPherson †	64	3	33.6	2.11	20.0		Jeanerette †	80	25	52.2	5.69			Blue Hill (summit)	60	5	32.8	2.51	8.0	
Manhattan b	64	5	33.0	0.59	4.0		Lafayette †	73	24	51.7	6.17			Blue Hill (valley)	61	6	32.7	2.66	.....
Marion †	62	5	32.4	0.95	T.		Lake Charles †	78	26	49.8	3.90			Boston a			1.78	5.5		
Meade †	75	10	37.2	0.04	0.4		Lawrence †	76	30	52.6	5.57			Boston (W. B.)			5.2			
Medicine Lodge †	65	3	34.0	0.61	2.0		Liberty Hill	76	19	50.2	3.86			Brockton a	62	8	34.0	2.59	8.0	
Minneapolis †	62	5	32.9	0.10	0.7		Maurepas	76	21	50.8	4.73			Brockton b			2.95			
Morantown †	60	3	33.0	7.34	16.0		Melville †	77	19	52.2	5.40			Brockton c			3.07			
Morland †	65	— 2	31.0	0.80	8.0		Monroe †	74	23	49.9	4.47			Cambridge a	63	3	33.2	2.19		
Morton †	72	3	33.5	0.65	6.0		New Iberia	75	30	53.7	5.75			Cambridge b	62	6	33.8	1.90		
Mount Hope*†	66	11	35.9	1.02	2.0		Oak Ridge †	75	21	46.8	4.33			Chestnut Hill	63	6	33.4	2.33	5.0	
New City †				0.25	2.0		Opelousas †	77	23	51.6	4.70			Clinton			2.50			
New England Ranch †	66	0	33.9	0.12	3.5		Oxford †	74	20	49.1	2.43			Cohasset			2.76	6.0		
Oberlin †				0.50	5.0		Paincourtville †	73	24	52.3	4.56			Concord †	61	4	31.7	2.34	5.0	
Olathe †	60	2	32.5	6.60	13.0		Plain Dealing †	70	24	46.8	3.28			Dudley †	55*	4	31.7	2.30	5.0	
Oswego †	64	7	37.0	12.45	15.0		Rayne †	83	25	52.8	5.77			East Templeton *†	54	0	29.3	2.97	9.0	
Ottawa †	63	4	33.6	3.92	6.9		Ruston †	72	18	48.4	3.51			Egg Rock, Nahant	54	7	33.2			
Paola †	60	5	33.2	7.30	15.0		Schriever †	81	22	52.3	4.98			Fall River	60	10	36.0	3.00	6.0	
Phillipsburg †	66	10	35.4	T.	T.		Shell Beach	69	32	51.8	3.99			Fishdale			4.01			
Pleasant Dale †	66	3	33.2	0.81	1.0		Southern University †	73	25	53.4	5.50			Fitchburg a*†	56	2	30.8	3.78	6.0	
Pratt †	68	0	33.6	0.20	1.0		Sugar Ex. Station †	74	25	51.2	5.75			Fitchburg b	61	2	31.1	3.00	6.0	
Rome*†	65	9	35.4	1.81	1.5		Sugartown †	77	23	51.6	4.94			Framingham	60	6	33.4	3.20	7.5	
Russell †	66	4	34.0	0.08	0.5		Thibodeaux							Groton	60	0	30.4	2.55	6.0	
Salina †	65	8	34.2	0.23	0.2		Trinity †	77	29	52.7	5.34			Hadley	60	— 6	29.3			
Sedan †	66	8	36.6	5.41	4.0		Venice †	78	20	56.6	3.66			Hingham			3.67	18.0		
Sharon Springs*†	66	3	31.7	1.40	14.0		Wallace	76	26	52.4	5.09			Hobbs Brook			1.84	7.2		
Topeka					3.7		West End							Hyannis *†	64	20	37.9	3.75	3.5	
Tribune †				0.80	8.0		White Sulphur Springs †	78	22	50.2	4.15			Hyde Park *	66	6	32.0		3.0	
Ulysses †				0.40	4.0		Maine.							Lake Cochituate	61	4	33.0	2.71	6.8	
Wakefield *†	64	6	34.7	0.26	1.5		Bar Harbor	56	— 5	29.4	3.08	10.0		Lawrence	61	4	31.2	2.41	6.0	
Wallace*†	58	2	28.8	0.90	15.0		Belfast *	53	— 4	27.2	4.63	6.0		Leeds	57	2	29.3	4.08	2.8	
Wamego*†	64	6	32.3	1.10	1.0		Cornish *	57	— 3	28.6	5.07	4.2		Leicester Hill	59	2	30.5	3.88	6.9	
Wellington*†	62	10	36.0	1.63	T.		Eastport							Leominster			3.80	6.0		
Wichita					2.0		Fairfield	57	— 14	25.5	8.77			Long Plain *†	56	8	34.3	2.88	9.0	
Winfield*†	66	8	34.4	2.35	2.0		Farmington †	56	— 12	25.0	6.25	3.5		Lowell a	61	4	32.0	2.68	8.5	
Winona*†	58	10	30.6	1.32	13.2		Flagstaff †	56	— 19	21.0	3.62	3.5		Lowell b	62	12	31.1			
Yates Center †	60	4	33.0	3.65	T.		Gardiner	57	— 6	27.2	4.40	8.0		Lowell c	61	5	38.6			
Kentucky.							Houston †	59	— 7	23.9	2.99	1.7		Ludlow Center	55	0	27.9	3.88	4.5	
Alpha †	71	9	42.4	5.98	.....		Lewiston	56	— 6	27.2	5.07	5.3		Lynn a	58	5	31.0	2.39	
Blandville †	64	11	37.8	3.00	13.8		North Bridgton	53	— 7	25.9	5.79	5.0		Lynn b	58	8	38.7			
Bowling Green a*†	68	9	37.9	5.50	3.0		Petit Menan*†	50	6	29.7				Mansfield *†	60	5	32.7	3.25	8.0	
Bowling Green b†	72	12	39.6	5.17	1.2		Portland							Middleboro	62	8	38.2	3.28	12.8	
Burnside †				3.38			Westport*†	49	— 7	29.0				Milton	59	9	34.5	2.55	7.5	
Caddo*†	61	12	33.2	3.60	2.0		Annapolis	63	17	37.4	2.74	T.		Monroe	54	— 9	27.4	5.80	6.0	
Canton*†	70	16	40.7	4.22			Bachmans Valley*†	61	5	34.7	3.68	2.0		Mount Nonotuck			3.42	6.0		
Carrollton †	64	12	38.3	3.54	4.2		Baltimore							Mystic Lake			1.90	4.0		
Catlettsburg †				3.55	2.0		Boettcherville*†	66	6	33.6	3.70			Mystic Station			2.17			
Earlington	67	13	39.6	3.85	6.0		Cambridge	65	18	41.5	1.65	0.8		Nantucket			2.4			
Edmonton †	75	9	39.8	6.06	3.8		Charlotte Hall †	68	13	38.0	1.97	3.5		Natick *†	58	6	31.8	4.06	7.0	
Falmouth †				4.71	2.0		Cherryfields*†	68	13	38.3	1.98	2.0		New Bedford a	58	10	35.2	2.84	9.5	
Fords Ferry †	69	12	40.4	2.38	9.0		Chestertown †	65	15	38.6	2.40	2.5		New Bedford b	59	9	35.4	2.68	6.5	
Frankfort †	65	13	40.0	5.20	.....		College Park	69	17	40.6	2.32	2.5		North Billerica	63	8	34.8	2.95	6.0
Franklin*†	70	12	40.4	5.14	5.2		Cumberland a†	64	2	33.9	3.51	3.0		Pittsfield	57	4	28.8	3.88	1.0	
Georgetown	68	9	39.7	5.56	.....		Cumberland b	68	2	39.6	2.49			Plymouth *†	61	18	38.1	3.85	4.0
Greendale*†	62	10	37.4	5.64	3.0		Darlington	64	11	36.2	3.55	0.5		Provincetown	58	18	37.7			
Greensburg*†	66	9	38.9	4.92	1.0		Deer Park	65	— 7	29.6	1.50	11.0		Roberts Dam			2.58	6.0		
Harrods Creek †	64	13	38.3	4.25	4.1		Denton †							Roxbury	63	8	36.2	2.25	6.0	
Henderson †	68	14	41.6	2.35	2.0		Easton †	66	16	39.6	1.72	0.5		Salem			2.65	8.5		
Leitchfield †	67	12	37.4	5.18	3.5		Ellictott City	64	16	40.0	2.84			Salisbury			2.11	4.5		
Lexington †					3.7		Fallston †	60	11	37.0	3.83	1.7		Somerset *†	62	10	36.1	3.20	10.5	
Lola †	67	7	38.2	3.07	9.0		Frederick †	65	0	36.4	3.61	2.5		Springfield Armory	61	— 1	31.2	2.77	5.0	
Louisville	67	9	37.4	3.23	.....		Frederick b	62	5	37.3				Taunton b	60	9	34.1	3.64	10.5
Marrowbone †	67	7	38.1	5.36	5.0		Grantsville	62	— 2	31.8	2.96	5.0		Taunton c	60	— 4	32.9	3.47		
Mount Sterling †	67	7	37.2	4.44	.....		Great Falls *†	64	11										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Michigan—Cont'd.</i>						<i>Minnesota—Cont'd.</i>						<i>Missouri—Cont'd.</i>					
Calumet	48	4	22.8	4.88	62.0	Long Prairie†	39	-12	16.2	0.17	0.2	Carrollton†	63	6	38.6	5.51	5.0
Charlevoix	56	-6	31.4	1.80	15.5	Luverne†	41	-12	20.8	0.14	1.5	Columbia					2.3
Cheboygan	53	-6	24.6	2.51	18.0	Maple Plain	41	-8	20.3	0.18	0.9	Conception	61	6	32.8	1.66	4.5
Clinton	58	-5	27.2	5.78	22.0	Maplewood	38	-6	20.7	0.05	0.5	Cowgill† ⁵	62	4	33.5	5.14	2.0
Detroit						Mazeppa ¹	36*	-18	18.8	0.80	4.0	Darksburg†	55	2	32.9	5.72	0.7
Fairview	56	-5	26.0	9.98	11.0	Milan†	39	-18	17.3	0.05	0.8	Downing					4.58
Fitchburg	53	-12	26.9	6.60	17.0	Minneapolis a†	40	-6	20.4	0.23	1.0	East Lynne ⁸					7.11
Flint	58	-18	25.8	4.87	.....	Minneapolis b ¹	40*	-5	20.3	0.18	0.8	Edgewell ⁶	60	4	39.0	5.88	3.5
Gladwin	51	-8	27.3	.....	32.0	Minneapolis (W. B.)						Eldon ¹	60	6	33.2	6.02	1.4
Grand Haven						Minnesota City†	51	-10	23.2	0.82	7.0	Elmira	58	-4	36.8	8.88	2.8
Grand Rapids a	59	-5	29.0	6.25	15.0	Montevideo†	41	-15	18.1	0.02	0.5	Fairport					3.05
Grand Rapids b	56	-5	29.2	5.19	.....	Moorhead						Farmersville					3.79
Grape	59	-5	29.6	4.60	24.0	Morris†	40	-14	17.6	0.01	0.1	Fayette	64	1	34.0	7.51	2.0
Grayling	52	-4	28.6	2.40	16.0	Mount Iron†	35	-18	14.8	0.47	4.4	Fulton					10.35
Grindstone City ¹⁰	53	0	28.1	.....	.....	New London	40	-14	17.0	T.	T.	Gallatin ¹	62	6	30.4	8.68	3.5
Hanover	56	-7	31.6	5.95	20.0	New Richland ¹¹	38	-8	22.0	.....	.....	Gayoso ⁸	61	14	37.7	4.04	6.0
Harbor Springs	45	-5	26.4	1.20	5.0	New Ulm†	42	-12	21.9	0.09	0.2	Gordonville ¹²	61	0	31.5	7.50	1.8
Harrison	52	-6	24.1	3.75	14.2	Park Rapids†	44	-20	18.7	0.34	1.7	Grove Dale	61	-1	36.9	8.43	5.6
Harrisville	53	6	26.1	3.90	19.0	Pine River ¹	45	-13	16.4	0.05	0.6	Hannibal	64	0	36.0	9.27	1.0
Hart						Pleasant Mounds†	42	-12	22.3	T.	T.	Harrisonville†	65	3	31.2	5.52	1.5
Hastings	57	-3	29.4	5.64	9.7	Pokegama Falls ¹	34*	-27	11.4	0.48	3.9	Hastain	66	1	37.0	9.72	1.0
Hayes	56	-9	27.8	2.38	3.6	Red Lake†	39	-23	14.4	0.45	7.9	Hermann†					8.15
Hesperia	54	-4	29.4	.....	6.0	Redwing†						Houston	65	5	39.6	4.51	T.
Highland Station	58	-9	25.8	5.95	19.1	Reeds†						Houston (near)					7.26
Holland ¹	50	9	22.2	.....	.....	Rolling Green†	40	-10	21.5	T.	T.	Irena	65	7	36.4	8.24	1.0
Howell	58	-13	25.1	5.91	16.2	St. Charles†	47	-11	20.7	1.17	8.5	Ironhton ¹	59	6	37.1	8.20	5.5
Ivan	50	-4	24.6	3.01	15.0	St. Cloud	38	-10	17.6	0.00	0.0	Jefferson City†	60	5	35.6	9.20	1.0
Jeddo	53	3	26.8	4.36	18.2	St. Olaf	39	-12	16.0	0.10	0.5	Kansas City					11.5
Kalamazoo	56	1	29.8	6.67	11.4	St. Paul						Kidder	61	-1	29.2	5.40	5.5
Lansing	58	-10	27.3	5.83	11.2	St. Peter†	47	-13	20.4	0.08	0.3	Lamar	66	8	37.0	8.08	T.
Lathrop ¹	44	-6	21.3	2.34	13.0	St. Vincent						Lebanon	61	2	37.2	7.98	1.8
Lewiston	51	2	25.3	2.61	8.0	Sandy Lake Dam ¹	38*	-19	15.8	0.17	2.2	Lexington†	63	5	38.5	8.66	4.8
Madison	57	-9	27.4	5.38	12.5	Sault Center	38	-14	16.8	0.03	T.	Liberty	65	6	32.2	4.64	5.0
Marquette						Shakopee ¹	38*	-6	20.5	0.01	T.	McCune ¹¹	63	8	33.5	7.93	1.4
Mayville	57	-1	27.6	5.35	18.0	Sunrise City ¹⁰	38	-8	18.4	.....	0.9	Marble Hill	63	6	37.0	4.87	5.5
Middle Island ¹⁰	50	14	32.0	.....	.....	Tower†	41	-22	14.3	0.40	4.0	Marcelline	60	2	30.9	5.57	1.0
Mottville	57	-11	28.2	7.33	18.2	Two Harbors†	46	-7	23.6	0.99	6.0	Marshall†	63	3	32.0	6.13	3.6
Mount Pleasant	54	-10	27.8	2.48	16.0	Wabasha ¹	40	-9	21.1	0.69	6.5	Maryville ⁴	55	1	28.5	1.28	6.6
North Manitou Island ¹⁰	48	15	30.5	.....	.....	Willmar†	38	-15	16.9	T.	T.	Mexico ¹	65	0	33.6	8.13	2.4
North Marshall	55	-10	24.9	5.53	14.0	Winona†	51	-6	22.6	1.55	8.4	Miami					7.10
Northport	50	7	30.0	2.05	16.0	Worthington	40	-18	19.6	.....	.....	Mine La Motte†	60	2	38.0	4.02	7.5
Old Mission	53	6	29.5	1.97	7.8	Zumbrota ¹	38	-13	19.7	.....	.....	Mineralspring	64	6	40.3	8.96	1.8
Olivet	53	-8	27.4	7.58	21.0						Mount Vernon	59	0	34.6	12.53	1.5	
Ovid	55	-12	26.8	5.74	18.0						Neosho	66	2	38.4	12.21	1.2	
Parkville											Nevada					8.43	
Pontiac	53	-9	26.8	5.69	20.5						New Haven ¹	64	10	39.6	7.57	1.0	
Port Huron											New Madrid	67	15	43.7	5.83	14.6	
Rockland	47°	0°	21.4°	2.30	22.0						New Palestine†					6.71	
Romeo	58	0	27.3	.....	.....						Oakfield†	62	5	36.8	5.98	2.5	
St. Ignace	49	-9	25.4	3.22	17.5						Oak Ridge ¹¹	60	10	37.8	8.77	7.5	
St. Johns	56	-10	26.0	6.32	18.8						Oregon ^a	63	1	30.6	1.75	9.5	
Sand Beach a	59	12	28.7	2.87	.....						Oregon b ¹	60*	1	39.2	1.65	7.7	
Sand Beach b ¹⁰	55	12	29.6	.....	.....						Oscceola†					7.37	
Saranac	56	-7	28.8	5.88	10.5						Otoe					4.2	
Sault Ste Marie											Palmyra ¹	60	0	32.5	6.49	2.0	
Somerset	56	-11	26.6	5.02	17.5						Phillipsburg ¹	61	2	35.8	13.67	0.2	
South Haven	57	-1	29.0	7.61	6.5						Pickering ¹	62	0	39.6	1.46	7.2	
Standish	50	-8	25.0	5.86	12.0						Platte River ¹³	62	4	38.8	3.75	8.0	
Stanton	54	-9	26.8	4.56	9.5						Poplar Bluff	68	12	40.0	8.81	5.0	
Sturgeon Point ¹⁰	48	11	29.9	.....	.....						Potosi	61	-4	35.0	4.98	8.0	
Thorntown	59	3	29.0	4.74	22.0						Princeton ¹	60	3	30.2	2.98	3.5	
Three Rivers	-4	.....	.....	10.56	8.0						Rhinelander	64	0	35.2	8.82	2.7	
Thunder Bay Island ¹⁰	42	18	28.6	.....	.....						Rolla					7.55	
Two Heart River ¹⁰	46	0	25.9	.....	.....						St. Charles	62	5	37.8	6.33	7.0	
Vandalia	55	-3	31.0	8.04	13.4						St. Joseph†					1.73	
Ypsilanti	60	-16	26.3	5.21	21.7						St. Louis	61	6	36.0	5.29	3.0	
<i>Minnesota.</i>											St. Louis (W. B.)					3.5	
Adat	39	-20	12.3	0.14	2.1						Sarcocille ¹	62	4	33.8	11.22	2.2	
Albert Lea ¹	43	-5	21.4	0.35	3.5						Shelbyina					6.90	
Alexandria a†				0.08	0.5						Sikeston	73	12	44.8	8.69	10.0	
Beardsley†	42	-13	18.6	0.18	1.3						Springfield					5.05	
Belle Plaine ¹	39	-10	14.4	T.	T.						Steffenville					T.	
Bird Island	38	-16	18.2	T.	T.						Stellada†	63	1	35.2	8.14	0.4	
Blooming Prairie†	41	-8	18.8	0.28	2.5						Sublett	60	0	28.7	6.31	3.1	
Bonniwell†	48	-11	18.2	T.	T.						Tindall					2.85	
Caledonia ¹	48	-8	21.5	1.41	8.0						Trenton	60	5	30.6	8.80	1.0	
Cambridge†	41	-9	19.4	T.	T.						Unionville†	47	0	27.4	5.42	7.4	
Camden†	42	-10	20.6	0.14	2.0						Vermont ¹⁴	66	2	33.2	7.44	1.0	
Collegeville	43	-6	22.1	0.01	0.2						Virgil City					8.81	
Crookston†	39	-15	18.8	.....	.....						Warrensburg ¹	64					

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Montana—Cont'd.</i>	°	°	°	In.	In.		<i>Nebraska—Cont'd.</i>	°	°	°	In.	In.		<i>Nevada—Cont'd.</i>	°	°	°	In.	In.	
Chinook	53	-26	18.8	0.30	3.0		Kimball	60	-3	26.0	0.60	6.0		Keyser's Springs	°	°	°	In.	In.	
Choteau	63	-10	26.6	1.05	10.5		Kirkwood	61	-5	26.0	0.05	0.5		Las Vegas	59	14	35.6	0.01	0.1	
Cokedale	55	1	26.8	1.35	13.5		Lexington	58	-7	29.0	0.50	2.5		Lewers Ranch	60	5	34.2	3.07	18.8	
Columbia Falls	49	-4	25.5	0.24	2.4		Lincoln	60	-5	26.3	0.05	0.3		Lovelock	68	-2	33.7	0.55	5.5	
Deer Lodge City	56	-16	21.0	0.39	5.0		Loup	54	0	30.3	0.05	0.5		Mill City	55	-10	26.8	.....	1.0
Dillon	44	-8	21.4	0.40	4.0		Lynch	61	-5	26.3	T.	0.1		Oscoda	53	-4	29.4	0.90	3.0	
Fort Benton	64	-17	25.4	0.19	1.9		Lyons	.....	.....	.....	0.05	0.5		Pallade	48	-12	25.8	0.80	8.0
Fort Custer	62	-13	24.2	0.36	3.6		McCook	56	8	32.4	0.10	1.0		Palmetto	63	-11	27.4	T.	T.	
Fort Keogh	48	-9	23.0	0.18	1.8		McCool	.....	.....	.....	0.10	1.0		Reese River	.....	.....	.....	1.02	10.2
Fort Logan	52	-28	18.8	0.47	3.5		Madison	55	-2	24.8	0.08	0.2		Reno	54	8	32.9	0.65	5.0	
Fort Missoula	51	-6	22.0	1.52	3.2		Madrid	65 ^b	0 ^c	26.8 ^a	0.20	2.0		Reno State University	63	2	31.2	0.88	6.2	
Glasgow	46	-29	18.8	1.25	12.0		Marquette	54	2	26.7	0.22	2.2		Ruby Valley	.....	.....	.....	1.64	18.0
Glendive	53	-12	21.6	0.90	5.0		Milford	.....	.....	.....	0.05	0.5		St. Clair	61	6	29.8	0.20	1.3
Great Falls	60	-9	28.0	0.23	3.3		Minden	58	0	29.3	0.33	2.5		St. Thomas	70	10	39.2	0.00	0.0	
Havre	.....	.....	.....	.....	10.2		Nebraska City	60	6	31.7	0.30	0.8		San Antonio	65 ^d	-24	27.0 ^e	0.01	0.0
Helena	56	-11	26.5	1.10	11.0		Nemaha City	58	2	29.2	0.60	4.0		Silverpeak	76	8	39.1	0.90	3.0	
Hogan	56	-11	26.5	1.10	11.0		Nesbit	64	0	27.7	0.05	1.0		Stofiel	46	-34	17.0	2.52	19.0	
Kipp	58	-22	20.0	0.97	9.5		Norfolk	58	-5	26.7	T.	T.		Toano	40	3	29.7	0.32	3.2	
Libby	49	-7	25.8	2.78	36.5		North Loup	54	0	26.0	0.05	0.5		Tuscarora	58	-10	29.1	0.95	9.5	
Livingston	53	3	26.8	0.58	5.3		North Plate	55	-3	25.8	0.01	0.1		Tybo	50	2	25.4	0.21	3.0	
Manhattan	49	-18	19.6	0.50	5.0		Oakdale	55	-3	25.8	0.23	T.		Verdi	60	0	31.4	2.47	9.5	
Martinsdale	52	-18	24.1	0.82	3.1		Odell	60	2	30.7	0.23	T.		Wadsworth	60	2	26.0	1.10	0.5	
Marysville	51	-2	23.9	2.12	27.4		Omaha (W. B.)	54 ^f	2	28.0 ^a	0.25	0.2		Wells	44	-26	21.6	0.92	9.2	
Miles City	.....	.....	.....	.....	3.1		O'Neill	53	-4	25.8	0.10	1.0		Winnevucca	.....	.....	.....	10.3	.....
Poplar	60	-20	22.3	0.40	4.0		Ord	57	2	31.5	0.07	1.5		<i>New Hampshire.</i>	.....	.....	.....	.....	.....
Radersburg	50	2	29.8	2.50	25.0		Osceola	.....	.....	.....	T.	T.		Alstead	47	-14	25.0	3.20	6.5
Red Lodge	47	-9	21.8	0.45	4.5		Ough	.....	.....	.....	0.40	4.0		Belmont	.....	.....	.....	4.48	.....
Sun River	58	-12	26.2	0.02	0.3		Palmer	54	0	26.1	0.20	2.0		Berlin Mills	58	-20	26.6	4.48	6.5	
Toston	64	-4	27.8	2.20	25.0		Palmer	.....	.....	.....	0.10	1.0		Bethlehem	58	-11	24.3	4.06	9.0
Troy	45	4	28.3	2.20	25.0		Plattsburgh	.....	.....	.....	0.26	0.2		Brookline	60	0	34.7	4.09	8.0
Utica	55	-16	25.5	0.52	7.0		Potter	52	-3	24.6	0.60	6.0		Concord	58	-12	28.8	4.01	9.0	
Virginia City	46	-3	20.8	1.28	14.5		Ravena	54	2	29.5	0.18	1.8		Dublin	62	-2	30.2	4.48	11.0	
White Sulphur Springs	53	-12	24.8	1.10	11.0		Ravena	55	6	31.9	.....	.....		Durham	71	0	30.6	2.76	4.0
Wihaux	66	-11	24.2	0.14	0.3		Red Cloud	56	4	30.2	0.09	2.0		Grafton	60	-16	25.1	4.14	3.0	
Yale	58	-18	25.6	0.93	3.2		Red Cloud	56	4	30.2	0.12	1.2		Hanover	56	-12	26.5	3.05	3.2	
<i>Nebraska.</i>	.....	.....	.....	.....	.....		Republican	60	2	30.6	0.12	1.2		Keene	59	-15	26.6	3.10	5.5
Agee	55	-4	27.4	T.	T.		Rulo	60	5	32.7	1.34	7.0		Lakeport	57	-14	27.2	2.75	.....
Albion	58	.....	.....	0.10	1.0		Saint Paul	56	0	30.0	0.05	0.5		Mine Falls	62	-4	29.0	2.75	.....
Alliance	.....	.....	.....	0.19	1.0		Salem	60	6	31.8	0.42	4.2		Nashua	62	0	31.6	8.5	.....
Amelia	54	1	29.6	0.01	0.1		Santee Agency	58	-6	26.2	0.01	0.2		Newton	61	0	30.4	2.32	4.0	
Ansley	59	0	28.3	0.10	1.0		Schuyler	.....	.....	.....	0.11	1.1		North Conway	57	0	37.2	6.88	3.0
Arapaho	.....	.....	.....	0.00	.....		Seneca	58	-7	26.0	0.16	1.6		Pennichuck Station	.....	.....	.....	2.66	.....
Arborville	55	2	29.9	T.	T.		Seward	62	3	31.4	0.05	0.5		Peterboro	60	-23	26.4	3.58	8.1	
Ashland	64	30.1	0.26	2.5	.....		Spencer	54	-3	28.8	0.02	0.2		Plymouth	56	-14	26.5	5.52	4.5
Ashland	65	30.5	0.05	0.5	.....		Springfield	58	0	28.8	0.26	1.0		Sanbornton	57	-9	26.3	3.30	4.0
Ashton	53	-2	27.8	0.15	1.5		Springview	62	-4	27.1	T.	T.		Stratford	60	-16	26.5	3.40	4.0	
Auburn	57	-2	31.5	0.56	2.5		Stanton	51	-4	26.6	T.	T.		Weirs Bridge	.....	.....	.....	2.78	.....
Aurora	46	4	30.1	0.13	1.3		State Farm	61	-2	30.2	.....	.....		West Milan	64	-21	21.6	3.96	5.5
Bassett	66	-6	27.2	T.	T.		Strang	60	2	31.4	0.10	1.0		Wolfboro	.....	.....	.....	3.50	.....
Beatrice	59	3	29.2	.....	.....		Stratton	60	2	30.2	0.17	1.0		<i>New Jersey.</i>	.....	.....	.....	.....	.....
Beaver City	60	4	31.3	0.13	2.0		Superior	60	0	33.2	0.90	T.		Allaire	62	11	37.2	.....	.....
Benkelman	68	0	29.1	T.	T.		Syracuse	.....	.....	.....	T.	T.		Ashbury Park	58	16	38.2	2.43	T.
Blue Hill	58	3	31.4	0.05	0.5		Tecumseh	59	0	29.6	0.26	0.5		Barnegat	68	17	40.7	1.71	1.5	
Brattion	58	2	28.8	0.55	2.5		Tecumseh	68	0	29.8	0.33	1.2		Bayonne	68	13	37.0	2.86	1.2	
Brokenbow	63	-10	28.8	0.06	0.5		Tekamah	56	-5	26.1	0.05	0.5		Beachhaven	57	20	38.8	2.80	T.	
Burchard	58	0	31.0	0.28	1.0		Thedford	62	-4	27.4	0.35	3.5		Belvidere	67	6	34.4	3.22	0.8	
Burwell	60	-2	27.3	0.12	1.1		Turlington	59	-4	27.2	0.37	1.6		Beverly	70	12	38.6	2.00	0.8	
Callaway	65	-8	27.3	0.08	1.0		Wakefield	.....	.....	.....	0.07	0.8		Billingsport	65	15	36.5	2.68	.....
Central City	50	3	30.8	0.20	2.0		Weeping Water	56	-4	25.6	0.15	1.2		Blairstown	64	18	39.0	.....	.....
Chester	58	2	29.9	0.05	0.5		Whitman	.....	.....	.....	0.05	0.5		Boonton	60	8	34.8	1.72	T.
Columbus	57	0	30.1	0.10	1.0		Wilcox	62	4	31.9	T.	T.		Bridgeton	66	17	37.7	2.04	0.8	
Cornlea	58	-5	25.0	0.05	0.5		Wilsonville	60	6	30.6	0.20	2.0		Camden	65	13	37.7	2.04	0.8	
Creighton	58	1	31.0	0.02	0.2		Woodlawn	.....	.....	.....	0.10	T.		Cape May	62	20	38.8	2.33	T.
Crete	59	1	31.0	0.02	0.2		York	58	2	32.7	T.	T.		Cape May C. H.	63	17	40.4	2.43	1.5	
Culbertson	.....	.....	.....	0.07	0.7		<i>Nevada.</i>	.....	.....	.....	.....	.....		Charlottesville	60	6	38.8	3.89	.....
Curtis	60	3	29.4	0.10	1.0		Austin	53	0	27.0	1.00	10.3		Chester	58	6	34.2	3.60	0.5	
David City	52	0	27.9	0.75	1.0		Battle Mountain	53	-8	27.2	0.92	6.2		Deckertown	69	3	33.8	3.28	.....
Divide	56	2	30.1	0.04	1.0		Belmont	57	-6	24.8	0.24	2.8		Dover	62	3	33.8	2.93	T.	
Dunning	62	-2	30.0	0.30	3.0		Beowawe	50	-15	24.0	0.60	6.0		Egg Harbor City	68	1				

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>New Jersey—Cont'd.</i>	°	°	°	In.	In.	<i>New York—Cont'd.</i>	°	°	°	In.	In.	<i>North Dakota—Cont'd.</i>	°	°	°	In.	In.
River Vale	62	6	34.5	3.41	...	Mount Morris	64	0	32.1	2.50	T.	Bismarck	°	°	°	...	2.9
Somerville	64	6	35.6	2.37	...	Newark Valley	60	-6	28.6	4.04	1.5	Church's Ferry	44	-23	12.4	0.43	4.3
South Orange	62	12	35.9	2.66	T.	New Lisbon	60	-6	28.6	4.04	1.5	Coal Harbor †	41	-16	14.4	0.55	5.5
Toms River	65	10	38.2	2.55	...	New York	60	-10	27.8	4.72	3.0	Dickinson †	47	-15	18.0	0.50	5.0
Trenton	68	14	40.6	0.1	...	North Hammond †	55	-8	35.6	5.32	11.4	Ellendale †	40	-18	19.6	0.40	4.0
Vineland	65	14	39.0	2.22	T.	Number Four †	65	-8	28.1	5.90	4.2	Falconer	49	-25	15.9	0.20	2.0
Whiting	66	18	40.2	2.51	1.0	Ogdensburg	62	-2	32.7	3.87	...	Fargo †	42	-18	12.2	0.10	1.0
Woodbine	64	12	37.6	2.97	T.	Oneonta	62	-2	32.7	3.87	...	Forman †	41	-23	13.8	0.04	0.8
<i>New Mexico.</i>	...	...	...	...	...	Oswego	59	-5	29.6	4.23	2.0	Fort Berthold †	62	-18	20.8	0.27	2.7
Albert †	67	10	37.2	0.20	2.0	Oxford	59	-5	29.6	4.23	2.0	Fort Yates †	56	-12	20.8	T.	T.
Albuquerque †	53	5	31.9	0.32	3.0	Palermo †	64	-4	29.4	6.01	3.0	Gallatin †	42	-20	18.2	0.18	1.8
Alma †	62	4	35.6	0.48	...	Perry City	60	-5	29.3	3.08	3.8	Grafton †	38	-17	9.8	0.14	1.4
Aszac †	51	-3	34.2	T.	Phoenix	...	...	...	...	...	Jamestown †	41	-14	16.2	0.30	3.0	
Bernalillo †	56	7	31.5	0.21	0.3	Pine City	64	1	33.0	3.41	...	Kelso †	45	-26	11.6	0.15	1.5
Chama †	68	-20	28.6	2.00	29.0	Pittsford	55	-10	34.4	2.40	T.	Lakota †	45	-18	9.4	...	...
Deming *8	71	16	42.9	0.15	...	Plattsburg Barracks	60	3	31.6	3.33	0.0	Leinert †	45	-23	9.4	T.	T.
East Las Vegas	64	-7	31.3	0.82	9.8	Port Jervis	60	-15	25.2	2.69	3.0	McKinney	42	-18	13.2	0.24	2.4
Eddy †	73	...	...	0.04	T.	Potsdam	64	1	32.9	2.92	...	Milton	43	-20	8.0	0.60	6.0
Engle †	60	0	33.7	T.	Poughkeepsie	...	...	...	...	...	Minto	39	-19	10.2	0.12	1.2	
Espanola †	58	-12	26.1	0.81	8.0	Ridgeview	...	...	...	...	...	Napoleon †	40	-21	15.4	0.55	5.5
Estalina Springs †	...	...	...	0.21	2.3	Rochester	59	-4	29.2	4.15	...	New England City †	46	-8	17.5	...	...
Fort Bayard	65	5	37.4	0.20	2.0	Rome	63	-2	32.7	3.11	T.	Oakdale †	55	-11	19.6	0.05	0.5
Fort Union †	65	1	32.0	0.40	6.5	Romulus	63	-2	32.7	3.11	T.	Portal †	39	-23	10.4	...	...
Fort Wingate	68	-8	29.4	2.20	22.0	Rose †	...	...	...	...	...	Power †	45	-19	14.0	0.18	1.0
Gallsteo †	61	1	31.0	0.30	3.0	South Canisteo	61	-3	30.8	4.34	3.6	S. John †	47	-15	14.0	0.45	4.5
Gallinas Spring †	64	-10	38.8	0.29	6.0	Southeast Reservoir	59	-18	23.9	3.49	7.8	Steele †	41	-32	13.5	0.28	3.0
Gila	66	10	38.5	0.42	T.	Saranac Lake	62	10	38.6	2.45	1.2	University †	41	-14	12.8	0.24	2.5
Hillshoro †	68	1	35.2	0.17	...	Setauket †	62	-7	36.3	2.33	...	Wahpeton	42	-15	17.2	0.06	0.8
Las Cruces †	68	1	37.4	0.32	...	Sherwood	59	-4	32.4	3.23	...	White Earth	60	-21	9.4	0.88	8.8
Lordsburg *8	55	14	38.6	0.10	...	Skaneateles	61	-3	30.8	4.34	3.6	Wild Rice † ²	...	...	...	...	...
Los Lunas †	59	-8	29.3	0.10	...	South Kortright †	59	-4	28.4	3.23	4.2	Williston	...	...	...	...	...
Monerot †	50	-21	20.2	1.02	11.5	Turin	56	-7	26.3	4.28	4.2	Willow City †	41	-28	10.6	0.08	0.3
Ocate †	60	-18	28.4	1.14	11.5	Tyrone	61	-6	30.6	4.72	13.3	Woodbridge †	48	-20	9.8	0.40	4.0
Olio †	45	-4	19.5	T.	Varysburg	61	-6	30.6	4.72	13.3	<i>Ohio.</i>	...	...	...	...	...
Pecos	...	...	...	0.92	...	Victor	69	-1	31.7	1.58	3.5	Akron	62	8	32.8	4.95	18.0
Puerto de Luna †	65	5	37.0	0.35	3.5	Wappingers Falls	64	1	33.3	3.37	T.	Annapolis	65	8	33.4	...	15.0
Raton †	72	-12	28.8	0.80	6.0	Warwick	...	...	...	...	...	Ashland	61	6	31.7	4.20	8.3
Rincon †	62	2	35.9	0.10	T.	Waverly †	64	-4	33.0	3.71	T.	Ashtabula	62	4	34.2	3.82	6.0
Roswell †	73	0	40.5	0.07	0.7	Wedgewood	61	-2	30.2	3.51	1.0	Atwater	...	...	...	...	...
San Marcial †	58	2	33.6	0.00	...	West Point †	58	3	32.2	4.20	...	Auburn	60	-1	30.0	5.00	4.8
Santa Fe	...	...	...	...	...	Willets Point	59	15	35.4	2.31	...	Bangorville	60	4	33.3	4.80	8.5
Springer	72	-21	39.9	...	...	<i>North Carolina.</i>	...	...	...	...	...	Basil	...	...	...	...	...
Sulphur Hot Springs †	44	...	...	...	...	Asheville †	63	8	38.4	3.78	18.8	Bellefontaine	62	6	31.4	3.57	6.4
Taos †	60	-23	23.3	1.00	15.0	Bryson City †	63	8	38.4	3.87	3.0	Bement † ¹	58	-4	28.9	5.39	20.0
<i>New York.</i>	...	...	...	...	...	Chapel Hill	72	18	42.6	3.68	T.	Benton Ridge	62	5	32.4	3.46	16.5
Addison	62	2	32.7	2.92	0.5	Charlotte	...	...	...	...	...	Bethany	62	11	34.9	2.62	1.0
Akron	...	...	...	8.70	...	Experimental Farm	70	20	44.2	...	...	Bigprairie	61	1	31.2	4.49	11.0
Albany	...	...	...	...	...	Fair Bluff †	60	21	44.1	3.46	T.	Binola	57	0	32.0	3.84	14.8
Alfred	57	-4	29.9	4.03	8.5	Falkland *1	72	21	44.1	3.46	T.	Bissells	56	4	31.4	4.46	16.2
Angelica †	59	-4	30.1	4.02	4.0	Fayetteville	73	21	44.3	2.30	T.	Bladensburg	62	-7	32.6	4.32	4.0
Appleton	64	-2	31.5	3.71	3.4	Greensboro	68	18	42.8	4.37	...	Bloomingburg	65	10	36.4	2.73	1.0
Arcade	56	-2	28.9	3.92	4.8	Greenville	...	...	...	...	...	Bowling Green	63	-2	31.0	3.74	11.0
Atlanta	...	...	...	...	...	Henderson †	71	17	42.4	2.62	4.0	Bucyrus	62	4	32.4	4.20	14.4
Avon	61	-2	30.6	2.58	T.	Highlands	58	6	34.7	5.64	3.0	Cambridge	...	...	...	...	...
Baldwinville	62	10	35.6	3.88	15.0	Horse Covent	60	18	39.5	5.68	5.0	Camp Dennison	64	11	36.5	3.06	7.0
Bedford	63	10	35.6	3.88	...	Kittyhawk	...	...	...	...	...	Canal Dover	63	-10	32.4	5.42	11.0
Big Sandy *10	60	6	32.8	3.63	...	Lenoir *1	62	13	39.0	3.85	2.0	Canton †	63	-1	38.2	4.91	7.4
Binghamton †	63	-1	31.4	3.63	T.	Linville †	56	5	35.6	8.94	9.0	Cardington	61	-2	31.7	3.50	9.8
Bloomville	58	-2	29.0	3.48	0.5	Littleton †	70	11	41.7	2.46	2.0	Carrollton	59	-6	32.4	4.51	7.0
Bolivar	...	...	...	4.03	...	Louisburg †	74	16	39.6	2.94	1.0	Cedarville	...	...	...	...	...
Boys Corners	...	...	...	4.85	...	Lumberton †	74	18	44.4	4.23	6.5	Celina	64	12	36.8	2.18	12.0
Brentwood	65	8	35.4	2.45	1.5	Lynn *1	70	20	39.8	3.46	...	Cherry Fork	65	5	36.0	3.83	2.0
Brookfield	56	-12	28.6	4.73	6.0	Mooxville †	67	15	43.1	3.67	T.	Cincinnati	...	...	...	...	...
Brooklyn	59	14	36.8	2.55	1.0	Moncure †	74	19	42.0	2.78	2.0	Circleville	64	10	36.6	3.86	1.5
Buffalo	...	...	...	...	...	Morganston *1	68	18	38.2	3.32	...	Clarksville	63	10	35.9	3.93	3.2
Canton †	61	-13	24.6	6.31	3.7	Mount Airy †	65 ^c	18 ^b	38.4	4.09	3.3	Cleveland (V. O.)	63	10	34.1	4.16	12.5
Carmel	59	4	32.7	3.77	4.62	Mount Pleasant	70	14	42.5	4.24	T.	Cleveland (W. B.)	...	...	...	...	...
Charlotte *10	60	0	33.5	4.97	...	Murphy †	70	22	47.7	2.10	0.5	Clifton	63	12	34.8	2.87	4.7
Cherry Creek	...	...	...	...	...	Newhern †	76	15	41.8	4.84	1.7	Coatton	79	0	35.2	4.84	5.0
Cooperstown †	60	-2	29.0	3.89	1.0	Oak Ridge †	70	15	41.8	3.08	0.2	Colebrook	60	0	32.4	4.43	5.0
Corlant	60	-7	30.2	3.86	...	Pantego	...	...	...	...	...	Columbus	63	14	37.0	3.40	4.5
De Kalb Junction	...	...	...	5.33	...	Pittsboro	70	17	40.6	4.10	1.0	Dayton g	63	14	37.0	3.40	4.5
Demster	...	...	...	4.82	...	Raleigh (W. B.)	70	19	45.4	...	...	Dayton f	60	0	31.4	5.88	17.1
Deposit																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
	Ohio—Cont'd.	°	°	°	Ins.	Oregon.	°	°	°	Ins.	Ins.	Pennsylvania—Cont'd.	°	°	°	Ins.	Ins.
Jacksonboro	63	11	33.9	3.30	4.0	Albany a†	63	28	42.4	14.02	2.0	Frederick	°	°	°	2.66	...
Kenton t.	63	7	33.6	4.09	16.4	Arlington†	58	16	37.1	1.52	6.8	Freeport†	°	°	°	3.27	2.0
Killbuck	60	4	32.5	4.18	4.5	Ashland b	61	7	36.3	4.65	15.9	Gettysburg†	63	0	33.4	2.37	1.0
Lancaster	64	13	33.6	3.87	8.2	Astoria	—	—	—	—	1.0	Girardville	56	—2	30.3	4.65	0.2
Leipsic	62	1	31.4	3.59	12.5	Aurora *†	60	38	44.0	10.35	3.55	Griplian	56	—2	30.3	3.48	*5.0
Levering.	59	0	31.0	4.26	2.6	Aurora (near)	58	28	40.6	10.87	T.	Greensboro†	—	—	—	2.83	...
Logan	66	8	35.2	8.78	2.0	Baker City	—	—	—	—	—	Hamburg	62	11	36.8	3.78	...
Lordstown	61	3	32.4	4.51	7.5	Bandon	61	32	46.8	21.67	13.8	Harrisburg	—	—	—	0.5	...
McArthur	70	4	35.2	3.74	T.	Beulah t.	46	—6	24.2	1.60	16.0	Hollidaysburg	60	—10	32.4	3.00	2.0
McConnellsburg	67	6	34.8	4.05	5.0	Brownsville *‡	66	27	42.6	10.40	—	Honesdale	61	—1	31.4	3.24	T.
Marietta a†	—	—	—	3.22	3.0	Canyon City†	63	28	37.3	1.15	11.5	Huntingdon a†	62	—4	34.2	2.99	1.5
Marietta b	66*	11*	37.8*	2.53	2.3	Cascade Locks	56	27	38.7	19.60	—	Huntingdon b	—	—	—	2.84	1.2
Marion	61	4	32.9	2.74	11.1	Comstock *†	65	28	42.4	18.18	—	Johnstown†	—	—	—	3.22	4.0
Medina	61	—4	32.5	4.15	10.0	Corvallis a	62	27	40.0	11.21	2.5	Karthaus	—	—	—	2.10	...
Milfordton	60	2	32.0	3.42	7.0	Corvallis (near)	60	—25	40.5	14.98	—	Keating	—	—	—	3.04	T.
Milligan	65	—5	34.6	2.90	5.0	Crook	50	—7	27.7	1.10	13.2	Kennett Square	64	11	37.0	3.12	0.5
Millport	62	—	—	4.08	7.0	Dayville†	67	—7	36.3 ^{3d}	0.59	3.3	Lancaster†	69	10	36.0	1.02	...
Montpelier	56	—10	38.1	5.57	15.5	Detroit†	66	—29	42.6	10.47	T.	Lansdale	—	—	—	1.60	...
Napoleon	60	—2	30.5	4.42	16.0	Eugene†	54	—3	27.4	1.26	9.5	Lebanon	64	9	35.4	4.14	0.5
New Alexandria	63	4	34.1	5.59	9.5	Fife†	55	27	39.1	14.76	6.0	Le Roy†	60	0	30.2	4.05	1.0
New Berlin	60	0	31.2	4.04	8.5	Forest Grove	55	31	46.4	20.99	—	Lewisburg	66	—1	33.8	4.09	1.5
New Bremen	60	9	34.6	4.05	10.5	Gardiner	55	21	37.8	30.14	19.3	Lock Haven a†	—	—	—	2.88	...
New Comerstown	64	—9	33.2	4.42	6.0	Grants Pass a†	56	23	38.6	6.00	2.8	Lock Haven b	—	—	—	2.88	...
New Holland	64	10	35.5	2.91	2.2	Happy Valley†	56	—11	26.6	2.08	13.2	Lock No. 4†	65	13	36.4 ^a	2.70	4.8
New Moscow	—	—	—	4.11	9.9	Heppner	66 ^b	15 ^b	37.0 ^b	2.71	8.0	Lycippus	—	—	—	4.00	2.0
New Paris	60	7	33.1	4.12	11.0	Hood River (near)	53	20	34.2	12.83	51.0	Mifflin	—	—	—	2.78	1.0
New Waterford	—	—	—	5.80	2.0	Hubbard	58	28	40.0	11.82	—	Oil City†	—	—	—	5.32	0.1
North Lewisburg	63	6	33.2	3.80	4.5	Irvington*	57	29	—	8.05	—	Ottsville	—	—	—	3.53	...
North Royalton	64	0	32.2	3.79	9.0	Jacksonville	56	20	36.5	6.12	9.5	Parker†	—	—	—	4.30	6.0
Norwalk	62	—4	32.6	4.05	11.5	Joseph†	46	3	35.0	1.75	17.1	Philadelphia a	65	13	39.6	1.86	...
Oberlin	65	—1	32.5	2.15	12.5	Junction City *‡	70	30	43.0	11.13	1.0	Philadelphia b	68	11	39.2	1.41	T.
Ohio State University	62	11	34.8	4.28	8.8	Lafayette*	60	30	44.4	9.31	4.5	Philadelphia c	—	—	—	0.5	...
Orangeville	69	4	32.1	4.15	3.0	Lakeview†	52	—12	24.6	2.25	16.0	Philadelphia (W. B.)	—	—	—	0.5	...
Ottawa	63	4	32.1	4.05	18.5	Langlois	68	30	49.3	21.14	—	Pittsburg	—	—	—	3.1	...
Pataskala	61	0	32.8	4.68	5.4	Lorella	60	—17	30.0	5.90	19.0	Point Pleasant	—	—	—	1.76	...
Philo	68	9	34.4	5.36	4.6	McMinnville a†	57	26	39.7	15.43	1.8	Pottstown	63	13	37.6	3.20	0.5
Plattsburg	60	10	34.3	2.88	3.0	McMinnville b *‡	56	30	39.0	11.96	1.5	Quakertown	62	8	34.7	3.19	T.
Pomeroy	66	10	35.2	2.98	0.8	Merlin *‡	54	22	37.2	7.05	13.0	Reading ^s	67	5	32.2	3.59	...
Portsmouth a†	—	—	—	2.65	—	Monmouth *‡	58	29	41.8	12.00	2.0	Renovo	—	—	—	3.33	...
Portsmouth b	70	14	39.9	2.62	1.3	Mount Angel†	60	28	40.4	12.01	0.2	Ridgway†	—	—	—	2.00	1.8
Richwood	—	—	—	3.97	5.5	Nehalem	—	—	—	—	—	Saegerstown	61	—5	30.8	4.44	7.0
Ridgeville Corners	59	—7	30.0	4.44	14.0	Newberg	58	38	41.8 ^a	14.24	3.0	Salem Corners	62	1	30.9	3.88	0.5
Ripley	65	9	37.0	4.04	3.1	New Bridge	53	5	30.8	2.80	23.0	Scranton	67	5	32.2	3.33	...
Rittman	61	—4	31.6	3.88	5.5	Newport	64	27	44.6	19.86	—	Seisholtzville	—	—	—	3.59	...
Rockyridge	—	—	—	4.46	10.7	Pendleton	58	8	37.0	1.74	6.9	Sellingrove	62	1	32.4	3.06	1.5
Rosewood	68	10	33.4	8.00	3.5	Portland	62	22	38.3	8.80	11.0	Shinglehouse	70	—6	32.6	3.80	2.0
Sandusky	—	—	—	7.9	—	Riddle *‡	62	22	38.3	8.80	4.2	Sinnamahoning	—	—	—	2.97	...
Sharon Center	61	13	32.4	3.41	4.5	Roseburg	64	38	48.9	8.59	—	Smethport	58	0	31.4	3.85	1.5
Shemandoah	60	1	31.0	3.33	5.0	Salem a *‡	64	29	42.3	11.16	—	Somers Corners	—	—	—	2.56	...
Sidney b	62	9	33.6	3.48	11.4	Salem b †	65	29	42.3	—	—	Somerset	67	—5	33.0	2.89	6.8
Sinking Spring	63	11*	36.2 ^c	4.30	3.0	Salmon	61	7	30.3	22.04	130.0	South Bethlehem	62	10	39.0	—	...
Springboro	—	—	—	2.66	—	Sheridan *‡	59	30	42.7	13.62	6.0	South Eston	63	5	38.7	4.26	T.
Stoutsville	—	—	—	3.80	1.0	Silverton *‡	60	28	48.4	10.67	—	Spruce Creek	60	—1	33.1	3.75	0.4
Sylvania	60	—5	29.9	5.48	11.0	Springfield *‡	56	25	36.9	10.40	60.0	Sunbury	65	13	36.3	2.20	0.5
Thurman	69	10	37.8	1.65	5.5	The Dalles†	57	18	36.6	4.15	18.0	Swarthmore	63	1	32.4	3.57	0.2
Tiffin†	63	8	33.0	4.50	11.0	Toledo	60	25	44.6	11.01	—	Towanda	63	14	37.6	2.87	2.5
Toledo	—	—	—	22.5	—	Vale	55	—10	36.3	7.26	T.	Uniontown	—	—	—	2.61	5.0
Upper Sandusky	61	6	32.8	4.85	12.0	West Fork *‡	60	26	41.8	12.55	11.5	Warren†	—	—	—	3.83	...
Urbana	61	11	33.4	2.68	4.7	Weston	62	9	38.8	1.65	17.0	Waterville	—	—	—	3.18	4.0
Vanceburg	70	6	38.4	3.45	1.2	Williams	60	20	39.3	6.91	17.0	Wellsboro *† ¹	60	—6	29.8	6.55	1.0
Van Wert	61	2	31.2	3.28	17.5	Williamsburg	—	—	—	—	—	West Chester	62	0	37.4	3.18	1.0
Vermilion	61	2	31.2	4.55	22.0	Wentworth	—	—	—	—	—	West Newton†	—	—	—	3.18	4.0
Vicksery	63	4	32.6	4.02	14.7	Weston	62	9	38.8	1.65	17.0	West Town	62	11	37.2	2.68	1.0
Walnut	—	—	—	3.72	1.8	Williams	60	20	39.3	6.91	17.0	White Haven	59	6	31.8	5.89	T.
Warren	64	3	33.6	5.83	12.5	Williamsburg	—	—	—	—	—	Wilkesbarre†	64	17	34.8	4.18	...
Warsaw	76	—18	21.0 ^c	3.98	7.2	Wills	61	—3	33.6	1.44	3.0	Williamsport	61	8	38.4	2.85	1.0
Wauseon	58	—5	29.0	6.72	22.0	Wyo.	62	9	38.8	1.65	17.0	York†	63	10	36.0	3.88	1.0
Waverly	67	8	36.4	3.24	2.0	Yonkers	—	—	—	—	—	Rhode Island	—	—	—	—	...
Waynesville	—	—	—	3.25	—	Zanesville	—	—	—	—	—	Block Island	—	—	—	6.9	...
Wellington	62	10	35.2	3.00	3.0	Waukegan	—	—	—	—	—	Bristol	57	10	35.1	3.10	5.0
Westerville	62	4	35.7	4.08	5.6	Waukesha	—	—	—	—	—	Kingston	57	8	35.6	2.45	6.0
Willoughby	—	—	—	4.05	4.8	Waukon	—	—									

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>South Carolina—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Tennessee—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Texas—Cont'd.</i>	o	o	o	Ins.	Ins.
Kingstree ^b †	76	21	48.2	4.41	1.80	Memphis	65*	20	40.4	4.80	1.4	Temple†	73	24	48.0	2.41	2.41
Little Mountain	73	16	43.2	4.08	T.	Mount Carmel ^b †	73	8	37.0	2.74	1.3	Twohig†	73	27	56.7	0.10	0.10
Longshore †	73	23	44.1	4.41	T.	Nashville	70	16	42.0	4.55	1.7	Tyler†	70	30	45.8	3.23	3.23
Mount Carmel †	76	24	46.6	1.69	T.	Newport ^a	70	16	44.4	5.41	—	Waco†	74	25	49.5	2.03	2.03
Pinópolis ^a †	76	26	50.8	1.36	T.	Nunnelly ^a †	77	16	44.4	5.16	3.0	Weatherford†	73	20	46.3	2.15	T.
Port Royal†	71	26	45.8	2.27	T.	Palmetto†	65	8	40.8	5.16	—	Wichita Falls†	68	14	39.8	2.93	2.93
Ridgeaway†	70	23	45.8	2.27	T.	Ridgeway†	—	—	—	2.86	—	Blue Creek ^a	48	0	29.4	0.25	2.5
St. George†	74	18	46.6	2.02	T.	Rockwood†	—	—	—	2.11 ^b	1.8	Castlegate†	58	—	23.8	0.80	8.0
St. Matthews†	73	18	47.2	1.83	T.	Rogersville	63	2	37.8	5.04	6.5	Cisco†	51	—	24.2	T.	0.1
St. Stephens†	73	—	—	1.28	T.	Rugby ^a †	74	13	42.4	6.40	T.	Corinne ^a †	48	—	24.6	0.70	7.0
Santuck†	70	16	42.5	4.33	T.	Seawane†	62	11	40.0	3.57	0.5	Deseret†	48*	—	20.8	0.38	—
Shaws Fork ^a †	80	23	49.6	3.50	T.	Springdale ^a †	73	9	41.6	3.07	10.0	Fillmore†	50	—	25.1	1.10	—
Society Hill†	73	21	45.8	3.26	T.	Strawberry Plain†	64	15	40.7	3.95	2.0	Fort Duchesne†	29	—	24	0.81	3.1
Spartanburg†	68	14	42.0	2.35	—	Trenton	66	14	41.8	7.35	4.0	Giles	56	—	23.3	T.	—
Statesburg†	72	23	46.6	2.71	T.	Tallahoma†	68	12	40.8	4.98	8.0	Grover†	56	—	22.9	T.	—
Trenton	71	23	47.9	3.96	T.	Union City	73	16	41.8	4.42	0.5	Huntsville†	—	—	—	1.54	16.0
Trial†	77	16	49.3	1.40	T.	Waynesboro ^a †	73	—	—	—	—	Kelton ^a †	46	0	31.9	0.15	1.5
Yemassee†	73	16	47.9	2.08	T.	<i>Texas.</i>	—	—	—	—	—	Koosharem	52	—	20.4	0.10	—
Yorkville	71	18	45.0	4.75	0.5	Abilene	68	23	42.5	3.20	1.5	Levan†	47	—	21.2	0.95	9.5
<i>South Dakota.</i>	—	—	—	—	—	Albany ^a †	88	28	58.7	0.00	T.	Loat†	54	—	19.2	—	—
Aberdeen†	46	—20	19.5	0.20	1.0	Alice ^a †	80	28	56.3	3.00	7.5	Logan†	41	—	21.1	0.95	—
Alexandria†	51	—13	20.2	T.	Angleton	74	24	53.4	—	T.	Manti†	52	—	20.8	1.43	—	
Ashcroft†	57	—18	24.6	0.05	0.5	Arthur City†	74	16	46.5	3.35	2.0	Millville†	—	—	—	—	—
Brookings†	46	—18	20.1	0.03	0.5	Aurora ^a †	74	28	52.0	2.05	T.	Moab†	55	0	26.5	0.35	3.5
Buffalo Gap ^a †	64	—4	30.4	0.15	8.0	Austin a†	74	24	53.4	—	T.	Moroni†	—	—	—	0.32	11.0
Castlewood†	42	—22	16.6	0.10	1.0	Austin b ^a †	74	18	46.9	2.03	T.	Mount Pleasant ^a †	45	—	23.8	1.00	10.0
Clark†	48	—18	17.8	0.50	5.0	Bellinger†	78	26	55.0	0.45	T.	Ogden a ^a †	40	4	26.6	0.85	8.5
Cross†	62	—10	27.0	0.08	1.4	Beeville†	71	27	50.3	0.81	T.	Pahreah†	52	5	28.2	0.25	2.5
De Smet†	58	—18	18.1	—	—	Brady†	76*	19	46.0	1.01	T.	Parowan†	50	—	23.8	0.90	9.0
Edgemont	—	—	—	0.10	1.0	Brenham†	76	28	52.6	1.71	T.	Promontory ^a †	38	—	19.8	0.50	5.0
Farmingdale	—	—	—	0.03	0.5	Burnet ^a †	77	23	51.4	1.90	T.	Provo City†	64	0	31.8	0.35	13.5
Faulkton†	58	—14	21.2	0.04	0.5	Camp Eagle Pass†	82	16	51.9	0.00	T.	St. George†	—	—	—	—	—
Flandreau†	39	—16	17.6	0.05	0.8	Chillicothe†	74	15	40.9	0.32	3.2	Salt Lake City	—	—	—	—	8.1
Forestburg†	51	—13	21.8	0.07	0.7	Coldwater†	74	0	36.4	0.80	8.0	Scipio†	50	—18	21.3	0.80	8.0
Forest City†	58	—10	24.6	—	—	Coleman ^a †	70	20	44.8	1.48	T.	Snowville†	38	—12	20.0	0.50	5.0
Fort Meade	69	—1	32.3	0.40	6.0	College Station	75	26	52.6	2.18	T.	Soldier Summit†	36	—16	18.8	1.65	16.5
Gary†	45	—10	19.4	0.16	1.5	Columbiat	77	28	52.8	3.60	T.	Terrace ^a †	39	—4	21.2	0.43	4.3
Goudyville ^a † ³	54	—18	17.4	T.	Corsicana a†	73 ^d	23 ^d	50.2 ^d	3.01	T.	Thistle†	47	—15	14.2	—	—	
Greenwood	61	—9	27.6	0.02	0.3	Corsicana b†	73	18	47.2	3.41	T.	Vernal†	35	—12	12.2	0.37	3.1
Highmore†	57	—19	23.2 ^c	0.00	T.	Cuero†	77	24	51.0	0.97	T.	<i>Vermont.</i>	—	—	—	—	—
Hotch City†	62	—11	26.0	0.05	0.5	Dallas†	75	18	45.8	3.17	T.	Brattleboro	58	—6	29.0	3.80	7.5
Howard†	46	—14	19.5	0.10	T.	Dean†	76	2	37.4	0.10	T.	Burlington†	58	—5	29.0	1.74	4.0
Huron	—	—	—	—	—	Dublin†	73	20	45.4	1.35	T.	Chelsea†	53	—10	23.0	3.78	3.0
Kimball†	54	—10	24.6	0.02	0.2	Duval ^a †	73	26	52.3	1.25	T.	Cornwall	57	—4	27.8	2.05	—
Leslie†	64	—12	25.1	T.	Eduardo ^a †	72	19	46.2	2.53	T.	Enosburg Falls†	64	—20	25.4	4.29	4.0	
Millbank†	42	—12	17.6	0.00	T.	Flower Bluff†	75	26	58.0	0.10	T.	Hartland†	56	—14	24.9	4.43	3.5
Mitchell†	67	—11	24.2	0.05	0.4	Forestburg†	70	16	40.4	2.41	T.	Irasburg†	53	—18	22.1	3.20	6.0
Northville ^a †	48	—16	20.2	T.	Fort Brown†	85	23	61.4	0.72	T.	Jacksonville	54	—8	26.2	4.72	4.0	
Nowlin†	68	—13	29.9	T.	Fort Clark†	74	18	51.1	0.19	T.	Northfield	55	—9	27.8	3.95	3.0	
Oelrichs†	55	—14	29.2	1.10	11.0	Fort McIntosh†	80	23	53.3	0.00	T.	Norwich	56	—15	23.4	3.82	2.5
Parker†	45	—14	21.1	0.02	0.2	Fort Ringgold†	83	20	55.9	0.00	T.	St. Johnsbury	56	—15	23.4	3.82	2.5
Parkston	58	—10	23.8	0.00	T.	Fredericksburg†	—	—	—	—	T.	Simonsville	57	—11	24.5	3.78	—
Pierre	—	—	—	—	—	Fredericksburg ^a †	73 ^d	24	47.6 ^d	1.51	T.	Strafford ^a †	49	—5	26.8	5.11	4.0
Plankinton†	60	—10	23.3	T.	Georgetown ^a †	77	24	48.0	1.48	T.	Vernon ^a †	52	—7	27.3	2.91	4.0	
Rapid City	—	—	—	1.3	T.	Golindo†	—	—	—	—	T.	Wells	58	—12	26.9	3.20	4.0
Rochford	—	—	—	0.74	T.	Goree ^a †	74	18	42.2	1.54	T.	Woodstock	57	—18	24.3	4.84	5.0
Rosebud	62	—14	25.6	0.80	3.0	Graham†	76	17	43.6	3.46	T.	<i>Virginia.</i>	—	—	—	—	—
Silver City	—	—	—	0.20	T.	Grape Vine†	71	20	46.3	3.24	T.	Alexandria	66	10	37.0	0.58	0.6
Sioux Falls†	42	—11	19.4	0.05	0.5	Hale Center†	74	13	44.2	0.17	T.	Ashland†	76	—12	29.4	1.78	4.3
Tyndall†	61	—6	27.6	T.	Hallettsville†	77	26	59.4	1.08	T.	Avon†	73	11	39.2	4.35	3.0	
Vermillion	54	—8	24.8	T.	Happy†	72	3	35.8	0.26	2.5	Bedford City†	65	16	38.0	3.88	4.0	
Watertown†	46	—23	16.6	T.	Haskell†	68	19	48.1	2.13	T.	Big Stone Gap†	68	23	32.6	3.35	7.8	
Webster†	42	—25	15.2	1.43	7.4	Henrietta†	74	17	51.2	0.92	T.	Birds Nest ^a †	71	25	43.0	3.90	3.2
Wentworth†	43	—14	19.4	0.08	0.8	Lakey†	78	27	50.2	0.73	T.	Blacksburg†	64	9	35.4	3.41	5.0
Wessington Springs†	56	—9	24.6	0.07	2.0	Llano ^a †	74	25	52.8	1.38	T.	Buckingham†	71	5	36.6	1.77	1.8
Yankton†	56	—5	25.6	0.05	T.	Longview†	73	24	48.4	3.26	T.	Callaville†	68	18	41.3	2.31	3.0
<i>Tennessee.</i>	—	—	—	—	T.	Marshall†	75	25	52.8	1.38	T.	Cape Henry	—	—	—	—	—
Andersonsville ^a †	65	13	40.4	3.95	3.2	Menardville ^a †	69	24	49.1	6.10	T.	Charlottesville	70	8	39.7	3.51	3.5
Ashwood ^a †	65	18	41.8	4.44	T.	Midland†	83	10	47.6	1.00	T.	Dale Enterprise†	69	—1	34.0	2.76	2.0
Bluff City†	—	—	—	2.20	5.0	Mount Blanco ^a †	74 ^d	11	38.6	T.	Fredericksburg†	67	18				

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Washington.</i>						<i>West Virginia—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Aberdeen	55	26	41.2	21.06	2.0	Morgantown <i>b</i> †	69	10	35.8	1.85	1.3	West Bend	46	—2	24.4	1.40	3.2
Anacortes				6.12	8.5	New Martinsville†	66	4	33.8	3.93	6.0	Westfield†	48	—6	23.4	1.75	2.5
Ashford				12.10	24.0	Nuttallburg†	68	11	36.9	1.87	1.0	Whitehall†	48	—23	20.2	1.30	6.0
Blaine†	61	9	36.4	6.88	18.8	Oldfields†	68	0	36.5	2.58	1.0	<i>Wyoming.</i>					
Cascade Tunnel†	48	11	39.6	16.50	165.0	Parkersburg						Big Horn Ranch†	54	—11	22.0	0.08	0.7
Centerville†	62	11	36.0	4.06	21.0	Pensboro	70	6	38.7	3.80	7.0	Cheyenne					
Colfax†	52	8	32.0	3.23	36.8	Point Pleasant†	70	12	38.0	3.51	Embar†	70	—14	25.6	0.50	5.0
Connell†	66	10	44.6	Powellton†	64	11	34.6	2.91	6.5	Fort Laramie†	60	—5	27.0	0.30	0.4
Coupeville†	61	21	41.6	2.81	2.2	Rowlesburg†						Fort Washakie	48	—10	20.2	0.00	
East Clallam						Sandyville†	70	9	37.4	3.06	3.3	Fort Yellowstone†	44	—6	19.0	1.29	13.1
East Sound†	60	19	41.7	6.73	4.0	Spencer†	60	9	37.3	2.00	1.0	Lander (V. O.)	49	—9	20.4	0.00	
Ellensburg†	47	—8	36.6	2.35	Tannery†	64	14	35.8	3.8	Lander (W. B.)					T.
Ellensburg (near)	46	—2	26.4	2.38	21.0	Weston <i>b</i> †	70	18	38.1	2.70	7.0	Laramie	45	—16	15.4	0.38	
Fort Canby						Weston <i>b</i> †						Lusk	51	—12	22.4	0.56	T.
Fort Simcoe	54	10	33.6	2.81	15.5	Wheeling†						Sheridan	53	—16	23.6	0.26	2.5
Fort Spokane	49	—1	28.8	1.36	7.5	Wheeling <i>b</i> †	68	10	38.2	3.85	6.0	Sundance	48	—13	21.8	2.10	21.0
Grand Mound†	56	18	33.2	13.09	0.7	<i>Wisconsin.</i>						Wheatland†	58	0	29.6	0.70	7.0
Hunters†	45	—5	22.8	1.45	18.9	Amherst	47	—3	22.9	1.71	<i>Mexico.</i>					
Lakeside†	53	11	31.8	2.25	15.5	Antigo	60	—9	19.6	1.07	4.5	Ciudad P. Diaz	80	23	55.2	0.00	
Lapush†	56	27	48.6	15.76	3.2	Apollonia <i>a</i> †	42	—12	21.8	1.04	6.0	Leon de Aldamas	75	34	56.8	0.04	
Madrone <i>a</i> †	59	23	40.6	9.49	7.0	Barron†	40	—20	19.4	1.66	8.5	Mexico	75	36	55.8	0.00	
Mayfield†	56	23	38.3	12.02	4.0	Bayfield	42	—1	21.0	1.40	14.0	Puebla	76	33	57.9	0.00	
Monte Cristo†	62	18	35.2	28.14	198.0	Beloit	50	—3	26.6	1.57	3.1	Topolobampo <i>a</i> †	85	50	63.7	0.00	
Moxee Valley†	59	—8	31.8	0.42	2.1	Black River Falls†	45	—5	22.4	0.48	4.5	<i>New Brunswick.</i>					
Neah Bay						Boscobel†	52	1	25.8	2.05	T.	St. John	54	—2	28.7	4.10	7.2
New Whatcom†	64	17	41.7	4.26	2.0	Butternut†	46	—26	18.0	2.03	15.5	West Indies.					
Olga†	57	23	41.2	6.97	2.5	Centralia	48	—5	23.4	1.26	5.5	Grand Turk Island					1.63
Olympia†	59	23	40.8	14.96	2.0	Chilton	50	—15	22.4	1.50	5.5						
Pine Hill†	52	17	36.1	9.27	52.5	City Point											
Pomeroy†	54	17	36.2	2.22	15.5	Crandon†	59	—18	23.7	1.60	9.0						
Port Angeles						Delavan†	58	—9	25.6	2.23	1.5						
Port Crescent						Depere†	50	—3	23.4	1.73	5.4						
Pullman†	49	4	30.3	3.23	23.0	Eau Claire	45	—15	21.1	0.90	6.0						
Pysht						Florence†	40	—11	17.6	1.91	11.6						
Rosalia†	53	8	28.8	2.23	17.0	Fond du Lac†	49	—5	22.8	1.44	3.5						
Seattle						Hartford											
Silver Creek <i>a</i> †	60	22	38.3	12.91	10.0	Harvey†	62	—7	25.0	1.92	2.4						
Snohomish†	63	24	40.8	7.44	6.2	Hayward†	43	—23	17.6	0.95	9.5						
Spokane						Hillsboro	50	—3	24.4	2.05	T.						
Stillaguamish†	59	19	37.0	4.15	2.5	Koenenick <i>a</i> †	44	—12	19.7	0.95	6.5						
Sunnyside†	61	—7	38.8	0.78	8.0	La Crosse											
Tacoma†	60	24	39.8	10.85	6.0	Lancaster†	50	—2	24.0	1.94	2.8						
Tatoosh Island						Lincoln <i>b</i> †											
Union†	56	25	40.4	17.27	8.6	Madison†	50	0	24.9	0.78	6.8						
Vashon†	65	14	37.5	12.85	1.5	Manitowoc†	47	0	25.3	1.54	5.4						
Walla Walla						Meadow Valley†	48	—5	22.3	2.17	12.5						
Waterville†	48	6	26.6	2.75	17.0	Medford†	46	—18	19.3	1.98	3.1						
Wenatchee Lake†	40	4	26.7	—	103.5	Milwaukee											
West Ferndale†	60	18	40.6	5.46	5.0	Neillsville†	46	—16	21.5	1.40	5.0						
<i>West Virginia.</i>						New Holstein†	48	0	29.0	1.31	2.4						
Beverly†	70	12	35.8	2.99	6.5	Oconomowoc†	53	—9	26.1	1.25	1.0						
Bloomery†	68	—6	38.0	2.20	1.5	Oconto	49	—4	24.6	2.42	9.5						
Bluefield†	73	5	37.0	3.27	6.5	Oseocof†	44	—16	18.2	0.16	1.2						
Buckhannon <i>a</i> †						Oshkosh†	51	—1	26.7	1.00	5.0						
Buckhannon <i>b</i> †	70	15	38.4	—	.....	Pepin	38	—14	18.3	0.31	8.0					
Charleston†						Pine River†	48	—8	23.4	1.96	7.1						
Dayton <i>a</i> †	63	16	37.6	—	.....	Port Washington	57	—4	28.0	1.55	2.0					
Elkhorn†	68	9	39.7	2.98	9.2	Prairie du Chien	55	—6	25.0	2.04	1.3						
Ella†	62	12	36.6	2.59	3.5	Racine <i>a</i> †	48	—4	27.6	—	.....					
Fairmont†						Royalton	45	—5	22.8	2.38	8.0						
Glenville†	96	16	36.8	3.24	6.0	Sharon†	58	—6	24.6	3.44	T.						
Grafton†	70	13	36.1	2.23	6.8	Shawano	48	—5	23.4	1.70	5.0						
Green Sulphur	73	12	38.4	0.75	0.1	Spooner†	47	—20	18.3	0.70	4.0						
Harpers Ferry†						Stevens Point†	47	—5	21.6	0.76	3.2						
Hewett†	72	18	39.5	2.78	.....	Valley Junction†	40	0	26.2	—	.....					
Hinton <i>a</i> †						Valley Junction†	50	—8	22.8	1.30	0.2						
Hinton <i>b</i> †	67	14	39.4	—	4.5	Viroqua	50	—2	23.6	2.05	1.0						
Leachtown†						Watertown†	50	—7	25.5	2.05	4.5						
Marlinton†	65	—3	32.4	4.14	9.6	Waukesha†	52	—3	26.6	1.92	3.8						
Martinsburg†	65	—2	35.2	3.05	3.0	Waupaca <i>a</i> †	38	—2	20.8	1.40	0.4						
Monarch <i>a</i> †	68	15	39.7	—	8.5	Wausau†	45	—5	21.2	1.38	4.0						
Morganatown <i>a</i> †																	

CORRECTIONS.

October Review, 1895, Chart V, headline for "Horizontal Magnetic Force" read "Deflecting Magnetic Force." Page 378, "Notes by the Editor," "The Great Storm of October, 1895, in the Gulf of California" read "The Great Storm of October, 1895, in the Gulf of California."

TABLE III.—Data from Canadian stations for the month of December, 1895.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.		
St. Johns, N. F.	Inches.	Inches.	Inches.	°	°	Inches	Inches.		
St. Johns, N. F.	29.80	29.95	+.11	33.2	+.2.8	5.40	.....	ne.	18.0
Sydney, C. B. I.	30.06	30.02	+.14	32.4	+.3.4	5.24	+.0.52	nw.	0.2
Halifax, N. S.	29.96	30.10	+.15	32.6	+.4.1	5.86	+.0.57	nw.	3.0
Grand Manan, N. B.	30.02	30.07	.....	31.4	.....	8.37	—1.30	w.	7.6
Yarmouth, N. S.	29.99	30.07	+.09	33.4	+.1.9	4.28	—1.04	n.	6.6
St. Andrews, N. B. ....	.....	.....	.....	28.0	.....	2.56	—1.00	nw.	7.5
Charlottet' n. P. E. I.	30.00	30.04	.....	29.8	.....	2.53	—1.47	w.	4.8
Chatham, N. B.	30.05	30.07	+.13	21.8	+.5.3	4.42	+.1.45	w.	15.8
Father Point, Que.	30.04	30.07	+.12	19.4	+.3.4	3.28	+.01	s.	12.6
Quebec, Que.	29.74	30.09	+.08	20.0	+.4.0	3.21	+.1.10	ne.	8.2
Montreal, Que.	29.86	30.08	+.05	21.6	+.2.1	3.88	—0.23	s.	12.1
Rockliffe, Ont.	29.60	30.04	+.01	18.1	+.9.6	3.20	+.0.46	se.	23.8
Kingston, Ont.	29.74	30.07	+.02	27.8	+.2.3	4.46	+.0.82	ne.	6.0
Toronto, Ont.	29.66	30.06	.00	29.4	+.1.4	4.19	1.65	w.	5.2
White River, Ont.	28.55	29.99	.....	11.2	+.2.4	2.30	+.0.86	w.	16.3
Port Stanley, Ont.	29.38	30.05	—.02	29.4	.....	5.04	+.2.43	sw.	15.3

TABLE III.—Data from Canadian stations—Continued.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.		
Saugeen, Ont.	Inches.	Inches.	Inches.	°	°	Inches	Inches.		
Saugeen, Ont.	29.26	30.01	—.01	28.6	+.1.6	4.89	+.0.76	e.	33.5
Parry Sound, Ont.	29.28	30.01	—.02	25.2	+.4.2	7.24	+.3.31	e.	44.5
Port Arthur, Ont.	29.17	29.91	—.11	16.2	+.5.7	0.96	+.0.11	w.	9.0
Winnipeg, Man.	29.00	29.89	—.21	8.2	+.5.0	1.75	+.0.56	s.	17.0
Minnedosa, Man.	27.91	29.85	—.24	8.1	+.5.6	0.76	+.0.03	nw.	7.6
Qu'Appelle, Assin.	27.46	29.88	—.24	8.8	+.4.8	0.65	+.0.01	nw.	6.5
Medicine Hat, Assin.	27.48	29.90	—.20	20.4	+.5.4	0.24	—0.12	w.	24.4
Swift Curr't, Assin.	27.08	29.82	—.30	13.8	+.2.8	0.56	—0.15	w.	5.6
Calgary, Alberta.	28.14	29.85	—.27	18.2	—3.7	0.62	—0.16	w.	6.3
Prince Albert, Sask.	28.26	29.90	.....	3.7	.....	0.76	.....	e.	....
Edmonton, Alberta.	27.40	29.88	—.14	14.9	+.1.2	1.15	+.0.75	sw.	11.5
Battleford, Sask.	28.00	29.87	.....	6.5	.....	0.30	.....	nw.	2.8
Spences Br'ge, B. C.	29.10	29.96	.....	30.5	.....	0.98	.....	e.	5.0
Hamilton, Bermuda.	29.92	30.08	—.04	65.6	.....	5.84	.....	n.	....
Banff, Alberta.	25.20	30.05	.....	16.9	.....	2.54	.....	sw.	....
Esquimalt, B. C.	29.93	29.96	.....	39.9	.....	12.21	.....	sw.	8.5

TABLE IV.—*Mean temperature for each hour of seventy-fifth meridian time, December, 1895.*

Stations.	Temperature													Humidity												
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.	
Bismarck, N. Dak.	14.2	14.5	14.6	14.5	14.1	13.5	13.9	14.0	14.1	14.9	16.9	19.1	21.3	23.0	23.9	24.0	23.5	21.5	19.8	18.8	17.7	16.8	16.3	15.5	17.5	
Boston, Mass.	38.9	38.8	38.9	38.5	38.4	38.0	38.0	38.3	38.6	38.1	37.5	38.4	38.9	38.8	38.5	37.5	36.8	36.0	35.9	35.3	35.0	34.4	34.0	35.4		
Buffalo, N. Y.	38.2	38.9	38.7	38.6	38.4	38.6	38.2	38.2	38.7	38.4	38.3	38.6	38.5	38.6	38.7	38.6	38.5	38.4	38.4	38.2	38.5	38.4	38.4	38.4		
Chicago, Ill.	30.2	29.8	29.6	29.4	28.8	28.2	28.0	28.2	28.0	28.9	29.7	30.1	30.4	30.7	30.9	30.8	30.6	30.8	30.7	30.8	30.0	29.8	29.6	29.6		
Cincinnati, Ohio.	36.8	36.2	35.7	35.6	35.1	34.6	34.4	34.1	34.8	35.9	37.5	38.6	39.5	40.4	41.0	40.8	39.8	39.2	39.0	38.2	37.2	36.9	36.3	37.4		
Cleveland, Ohio.	32.1	32.1	32.1	31.5	31.4	31.0	31.2	31.3	32.4	33.5	35.6	36.5	37.1	36.9	36.7	36.0	35.4	34.8	34.2	33.9	33.1	32.5	32.0	33.5		
Detroit, Mich.	28.8	28.7	28.5	28.4	28.5	28.4	28.3	28.1	28.6	29.3	30.4	31.4	31.9	32.3	32.3	31.7	31.2	30.8	30.6	30.0	29.7	29.3	29.1	29.9		
Dodge City, Kans.	38.3	27.8	27.1	25.6	25.6	25.1	24.7	24.8	23.7	25.5	30.0	35.4	39.5	41.6	43.6	44.0	43.9	42.4	37.5	34.4	32.7	31.7	30.3	29.0	32.3	
Eastport, Me.	29.0	29.0	28.9	28.8	28.4	28.1	28.2	28.6	29.4	30.5	31.7	32.5	33.0	33.8	33.0	32.5	31.6	31.2	30.9	30.8	30.5	30.1	29.9	29.9	30.4	
Galveston, Tex.	54.9	54.5	54.4	54.2	54.2	53.9	53.6	53.8	52.7	52.9	54.0	55.0	56.5	57.7	58.2	58.3	58.3	57.7	56.9	56.3	55.8	55.5	55.0	54.6	55.4	
Havre, Mont.	21.7	20.9	20.8	21.0	21.3	21.2	20.3	20.4	19.6	19.3	19.7	21.3	24.1	26.2	27.9	28.5	28.3	27.0	25.0	28.7	22.8	22.6	22.4	22.9		
Kansas City, Mo.	33.5	32.5	31.9	31.5	31.0	30.4	30.4	29.8	29.9	29.1	31.5	33.1	34.0	35.3	36.1	36.8	37.1	36.3	35.4	34.7	34.0	33.5	32.8	33.3	33.0	
Key West, Fla.	67.4	67.1	67.0	66.7	66.6	66.5	66.5	66.9	67.5	68.2	68.5	68.9	69.3	69.4	68.6	68.7	67.5	67.5	67.5	67.2	67.1	67.1	66.9	67.7		
Marquette, Mich.	23.8	23.5	23.5	23.5	23.4	23.4	23.2	23.5	23.6	24.1	24.7	25.6	26.6	27.8	27.7	27.9	27.1	26.3	25.5	25.0	24.6	24.2	24.0	23.6	24.8	
Memphis, Tenn.	42.7	42.3	41.8	41.5	41.1	40.6	39.9	39.5	39.1	39.9	41.3	43.1	44.9	46.4	47.5	48.3	48.5	48.0	47.2	46.4	45.6	44.9	44.0	43.3	43.7	
New Orleans, La.	51.3	50.9	50.4	50.1	49.5	48.5	48.1	47.9	48.5	50.9	54.3	56.6	58.2	59.5	60.2	60.4	59.9	57.8	56.0	54.4	53.4	52.5	51.6	51.3	53.4	
New York, N. Y.	35.0	34.6	34.4	34.1	33.9	33.8	33.7	33.8	34.5	35.2	36.2	37.6	38.6	39.7	39.8	39.4	38.8	38.2	37.7	36.9	36.5	36.0	35.5	36.4		
Philadelphia, Pa.	36.7	36.1	35.5	35.4	35.2	35.2	35.0	34.9	35.5	36.8	37.6	39.1	40.6	41.7	42.6	43.1	43.0	42.4	41.1	40.5	39.8	39.1	38.5	37.6	37.3	
Pittsburgh, Pa.	35.9	35.7	35.3	34.8	34.7	34.6	34.9	35.1	35.6	36.7	38.3	39.6	40.8	41.4	41.7	41.3	40.7	39.9	39.1	38.5	38.2	37.5	36.7	36.0		
Portland, Oreg.	40.5	40.2	40.1	40.2	39.9	40.0	39.9	40.0	39.7	39.6	39.3	40.0	40.0	40.7	40.9	41.9	42.3	42.5	42.0	41.7	41.2	41.0	40.3	40.7		
St. Louis, Mo.	36.3	36.0	35.5	35.4	34.8	34.7	34.5	34.6	34.6	35.5	36.6	37.8	38.7	39.7	40.6	41.0	40.5	39.6	38.7	38.0	37.3	36.9	36.7	37.1		
St. Paul, Minn.	21.8	21.5	21.1	20.4	19.7	19.3	18.6	18.2	17.7	17.6	19.2	21.0	22.8	24.0	25.0	25.3	25.1	24.3	23.2	22.8	22.1	21.7	21.5	21.4		
Salt Lake City, Utah.	26.1	24.9	24.6	24.5	24.6	24.5	23.9	23.7	23.4	23.1	23.5	24.9	27.0	28.4	29.1	30.1	30.0	29.7	28.9	27.8	27.1	26.2	25.6	25.4		
San Diego, Cal.	51.7	51.3	50.4	50.2	49.6	49.5	48.9	49.2	48.5	48.3	51.5	55.7	59.1	61.5	63.0	63.3	66.2	62.5	61.4	59.4	57.3	55.2	58.5	49.1		
San Francisco, Cal.	48.5	48.0	47.7	47.1	46.9	46.6	46.1	45.5	45.4	45.3	46.1	47.0	48.0	48.7	50.1	51.0	52.0	52.6	52.0	50.9	50.2	49.8	49.1	48.7		
Santa Fe, N. Mex.	29.2	22.8	22.1	21.5	21.1	20.5	19.9	20.4	19.3	21.0	24.6	26.9	29.1	30.5	31.5	32.4	33.0	32.6	30.1	27.2	26.1	25.3	24.4	23.6		
Savannah, Ga.	46.2	45.5	45.2	44.6	43.8	43.6	43.5	44.7	47.5	51.5	54.6	56.9	55.9	56.8	56.8	55.9	55.7	52.3	51.1	49.1	48.8	48.0	46.8	46.4		
Washington, D. C.	36.0	35.5	35.1	34.5	34.3	34.0	33.7	34.1	35.7	38.0	40.0	41.5	42.7	44.1	44.8	44.3	43.2	41.7	40.6	39.5	38.5	37.9	37.1	36.6		

TABLE V.—*Mean pressure for each hour of seventy-fifth meridian time, December, 1895.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.		
Bismarck, N. Dak.	28.104	.097	.094	.098	.096	.098	.092	.094	.094	.098	.104	.110	.109	.094	.078	.069	.074	.068	.093	.099	.095	.090	.085	.080	.078	.092	
Boston, Mass.	29.988	.956	.948	.950	.937	.971	.985	.001	.004	.007	.971	.962	.958	.962	.964	.970	.976	.978	.973	.966	.963	.959	.947	.968	.958	.962	
Buffalo, N. Y.	29.296	.299	.303	.296	.298	.297	.308	.309	.314	.317	.307	.288	.271	.264	.265	.266	.267	.273	.278	.280	.281	.280	.282	.281	.288	.288	
Chicago, Ill.	29.089	.082	.089	.085	.077	.079	.086	.083	.087	.085	.107	.098	.081	.071	.072	.076	.081	.086	.094	.100	.099	.099	.099	.094	.099	.089	
Cincinnati, Ohio.	29.407	.408	.405	.401	.396	.397	.404	.407	.417	.425	.422	.401	.390	.366	.367	.373	.381	.393	.398	.404	.406	.408	.410	.409	.399	.399	
Cleveland, Ohio.	29.251	.255	.257	.254	.250	.246	.248	.247	.253	.253	.249	.226	.203	.196	.200	.206	.211	.230	.228	.233	.232	.235	.238	.239	.238	.235	
Detroit, Mich.	29.247	.245	.249	.245	.247	.235	.235	.236	.239	.245	.248	.227	.210	.203	.198	.204	.208	.217	.226	.232	.234	.238	.236	.238	.238	.230	
Dodge City, Kans.	27.418	.413	.407	.412	.413	.407	.406	.412	.421	.428	.447	.452	.430	.401	.384	.376	.379	.381	.393	.402	.409	.414	.418	.421	.410	.410	.410
Eastport, Me.	29.981	.979	.988	.963	.963	.969	.969	.962	.001	.996	.978	.966	.961	.963	.967	.970	.980	.982	.995	.995	.985	.980	.970	.960	.977	.977	
Galveston, Tex.	30.113	.110	.110	.109	.109	.109	.128	.135	.153	.164	.168	.156	.182	.182	.102	.080	.085	.084	.098	.111	.124	.132	.138	.135	.130	.130	.130
Havre, Mont.	27.240	.237	.238	.235	.241	.240	.240	.237	.248	.246	.253	.256	.256	.249	.228	.207	.195	.193	.194	.196	.195	.198	.205	.209	.204	.204	
Kansas City, Mo.	29.010	.999	.005	.005	.009	.008	.014	.019	.028	.041	.061	.046	.017	.096	.985	.983	.988	.995	.005	.011	.016	.018	.022	.025	.012	.012	.012
Key West, Fla.	30.099	.094	.089	.087	.085	.090	.103	.120	.137	.146	.141	.121	.098	.077	.071	.071	.077	.086	.098	.106	.114	.121	.130	.115	.108	.108	.108
Marquette, Mich.	29.104	.100	.103	.097	.089	.087	.087	.087	.091	.102	.109	.107	.089	.085	.086	.097	.107	.115	.118	.113	.111	.111	.109	.108	.100	.100	
Memphis, Tenn.	29.669	.666	.667	.669	.667	.665	.677	.686	.698	.711	.721	.708	.690	.654	.640	.635	.637	.641	.650	.661	.668	.670	.680	.679	.671	.671	.671
New Orleans, La.	30.104	.102	.104	.103	.103	.110	.122	.133	.151	.162	.161	.143	.114	.089	.078	.072	.074	.078	.088	.103	.115	.120	.125	.119	.111	.111	.111
New York, N. Y.	29.772	.774	.776	.776	.776	.778	.789	.801	.816	.827	.830	.813	.783	.776	.769	.768	.770	.772	.777	.777	.775	.776	.778	.760	.757	.758	.758
Philadelphia, Pa.	30.004	.011	.018	.018	.016	.026	.038	.052	.065	.067	.051	.035	.010	.002	.997	.998	.000	.008	.005	.004	.999	.995	.995	.991	.016	.016	.016
Pittsburgh, Pa.	29.186	.188	.188	.190	.188	.190	.195	.199	.204	.206	.198	.177	.158	.148	.149	.148	.149	.155	.163	.165	.166	.169	.173	.174	.177	.177	
Portland, Oreg.	29.942	.943	.937	.938	.940	.940	.936	.937	.934	.924	.929	.938	.947	.945	.935	.933	.918	.922	.923	.923	.926	.929	.936	.939	.939	.939	
St. Louis, Mo.	29.491	.419	.428	.424	.417	.420	.428	.440	.447	.457	.461	.448	.426	.410	.408	.406	.411	.416	.424	.434	.435	.433	.431	.428	.428	.428	
St. Paul, Minn.	29.026	.084	.093	.088	.085	.082	.095	.087	.041	.054	.065	.064	.047	.028	.019	.021	.024	.027	.031	.034	.033	.029	.037	.026	.035	.035	.035
Salt Lake City, Utah	25.770	.779	.773	.775	.779	.774	.768	.770	.773	.775	.783	.786	.793	.778	.788	.788	.748	.747	.752	.757	.760	.763	.770	.775	.776	.771	
San Diego, Cal.	30.058	.056	.051	.047	.046	.048	.089	.040	.060	.063	.076	.068	.063	.072	.041	.021	.014	.012	.018	.020	.035	.045	.051	.046	.046	.046	
San Francisco, Cal.	30.081	.085	.078	.074	.075	.074	.068	.066	.075	.082	.095	.107	.119	.111	.084	.067	.059	.066	.065	.058	.068	.066	.072	.077	.077	.077	
Santa Fe, N. Mex.	23.253	.250	.244	.247	.248	.245	.242	.242	.247	.252	.263	.274	.273	.256	.228	.228	.225	.226	.227	.232	.239	.245	.254	.257	.246	.246	.246
Savannah, Ga.	30.067	.071	.071	.065	.062	.068	.060	.089	.100	.109	.100	.071	.046	.030	.023	.021	.026	.034	.044	.055	.064	.071	.070	.068	.068	.068	.068
Washington, D. C.	30.081	.086	.040	.040	.089	.048	.058	.069	.080	.084	.073	.048	.028	.012	.005	.003	.006	.008	.010	.013	.015	.019	.020	.017	.017	.017	.017

TABLE VI.—Average wind movement for each hour of seventy-fifth meridian time, December, 1895.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Abilene, Tex.	9.8	9.5	9.5	8.9	9.4	9.8	10.1	9.8	9.1	11.1	12.0	13.3	13.5	13.9	14.0	13.4	12.3	8.8	7.6	7.7	8.8	9.6	9.8	10.4	
Albany, N. Y.	7.5	7.4	7.6	7.7	6.6	6.4	6.6	7.3	7.7	8.9	9.5	9.9	10.3	10.7	10.3	10.0	9.4	8.9	8.6	8.2	8.1	8.4	7.8	8.4	
Alpena, Mich.	9.2	9.5	9.2	9.3	8.7	8.9	8.9	9.1	9.1	9.3	9.9	10.9	10.6	10.2	10.0	9.5	9.3	9.4	9.4	9.3	9.7	9.4	9.5		
Amarillo, Tex.	15.2	16.3	14.8	13.6	13.8	14.6	14.1	14.1	14.1	13.8	13.6	14.6	15.4	15.6	17.8	18.3	17.0	14.3	12.4	13.2	13.4	13.7	14.2	13.9	14.7
Atlanta, Ga.	11.5	11.6	11.5	10.7	10.7	10.6	10.8	10.2	10.5	11.6	12.0	12.4	12.2	12.0	12.8	12.8	11.4	11.1	11.9	11.9	12.1	12.4	12.1	11.6	
Augusta, Ga.	4.1	4.2	4.2	3.5	4.8	4.3	4.3	4.0	4.0	4.4	5.5	6.0	6.4	7.5	8.8	8.7	9.2	8.3	7.0	6.2	5.9	4.9	4.8	4.7	4.9
Baker City, Oreg.	6.5	5.9	5.9	6.2	5.5	5.6	5.6	5.3	6.8	7.0	6.5	6.3	5.7	6.4	6.2	5.8	6.1	6.0	6.4	5.4	5.9	6.6	6.3	5.7	6.0
Baltimore, Md.	8.0	7.8	7.6	7.0	7.4	6.9	6.9	7.1	7.6	8.5	9.1	8.7	8.7	9.5	9.8	9.7	8.6	8.4	8.5	8.1	7.5	7.6	7.6	8.1	
Bismarck, N. Dak.	9.7	9.5	9.7	9.3	10.8	9.0	9.3	9.6	9.5	8.4	9.7	10.0	11.8	13.4	14.3	13.0	10.9	9.5	8.8	9.8	9.8	9.2	9.4	10.2	
Block Island, R. I.	21.1	21.0	21.1	20.2	20.2	21.0	21.1	21.3	21.2	20.8	20.6	19.8	20.3	20.4	19.0	19.1	20.2	20.7	20.8	21.1	20.4	20.6	20.5		
Boston, Mass.	18.2	18.3	18.9	18.6	14.1	13.8	13.6	12.8	14.0	13.9	13.6	13.7	13.3	13.0	12.8	11.8	11.6	12.5	12.6	12.7	12.5	13.0	13.1	13.2	
Buffalo, N. Y.	18.7	18.9	14.1	14.3	13.6	18.9	18.1	18.0	12.9	18.7	15.0	15.6	15.5	15.2	14.4	14.9	14.2	14.6	13.6	13.8	13.0	13.5	14.3	14.1	
Cairo, Ill.	12.1	12.3	11.8	11.4	10.6	10.3	10.1	10.0	10.8	10.9	11.7	11.8	12.0	12.5	12.4	11.3	11.1	10.9	11.2	11.4	11.7	11.8	11.4		
Cape Henry, Va.	15.8	15.9	15.8	16.1	16.2	16.4	15.7	15.0	15.5	15.7	15.3	14.2	13.4	13.1	13.2	12.9	13.7	13.6	13.9	14.1	14.9	15.3	14.9		
Charleston, S. C.	6.9	6.9	7.3	7.4	7.3	7.5	7.5	7.9	7.9	8.4	8.2	8.7	8.6	9.2	8.8	7.0	6.7	7.3	7.4	7.8	8.1	7.6	7.8		
Charlotte, N. C.	6.0	6.4	6.1	6.1	5.8	5.6	6.0	6.9	6.4	7.6	8.3	8.7	9.2	9.6	9.5	9.1	8.2	7.3	7.0	7.0	7.2	7.6	7.3	7.3	
Chattanooga, Tenn.	7.4	7.5	6.8	6.5	6.5	6.8	6.7	6.6	6.7	7.1	7.9	9.4	10.3	11.0	11.3	11.2	10.8	9.4	8.8	7.5	8.2	8.4	8.8	8.4	
Cheyenne, Wyo.	12.8	12.9	12.5	12.1	12.9	13.3	13.5	14.4	14.7	13.8	14.8	18.3	19.9	20.1	21.1	20.6	19.9	17.3	14.5	12.9	13.0	13.9	13.5	15.2	
Chicago, Ill.	20.2	19.3	18.9	18.4	18.4	18.1	17.9	17.9	18.4	18.0	18.1	17.8	18.5	18.7	18.6	18.3	18.6	18.9	19.3	19.9	20.2	19.9	18.6		
Cincinnati, Ohio	6.5	6.4	7.1	6.8	7.3	7.4	7.7	7.9	8.2	8.3	9.5	10.1	10.1	9.7	9.7	8.9	8.6	8.5	7.9	8.1	7.9	7.3	6.9		
Cleveland, Ohio	13.5	13.4	13.7	13.5	13.8	14.2	14.7	15.5	16.1	17.0	17.3	17.9	18.1	18.8	18.1	18.9	18.9	14.1	14.7	15.2	14.9	14.2	15.1		
Columbia, Mo.	9.8	9.5	9.5	9.9	9.5	8.8	8.8	8.2	8.7	9.0	10.1	11.2	12.1	12.1	12.1	11.6	10.7	10.2	9.9	10.0	9.8	10.1			
Columbus, Ohio	7.0	7.0	6.7	6.5	6.7	7.8	7.3	7.6	8.2	8.9	9.1	9.8	9.2	9.1	9.8	8.5	7.6	7.5	7.8	7.5	7.4	8.0			
Concordia, Kans.	6.9	6.7	7.0	6.2	6.8	6.4	6.3	6.8	5.9	6.0	7.2	8.4	9.6	9.5	10.4	10.5	10.2	9.5	7.9	6.0	6.7	6.5	6.9	7.5	
Corpus Christi, Tex.	11.3	11.5	11.0	11.1	11.0	11.1	10.1	9.2	9.2	9.6	10.2	11.8	12.0	13.2	13.5	12.5	12.9	11.4	9.9	9.9	9.9	10.2	11.1		
Davenport, Iowa	9.1	9.6	8.8	8.8	9.1	8.8	8.8	9.1	9.1	9.4	10.6	10.7	11.2	11.6	11.9	11.5	10.4	9.7	9.5	9.7	9.8	9.2	9.8		
Denver, Colo.	8.2	7.6	8.5	8.6	9.6	9.0	9.8	10.2	10.6	10.1	10.1	8.4	11.0	11.5	11.7	11.2	10.1	9.2	9.8	9.7	9.2	9.8	9.8		
Des Moines, Iowa	7.4	7.3	7.0	7.5	7.4	7.5	7.4	7.5	7.7	8.4	9.1	9.2	10.0	10.0	9.9	9.3	8.7	8.2	8.0	7.8	8.0	7.8	8.3		
Detroit, Mich.	11.0	10.9	11.3	11.0	11.4	11.6	11.3	11.4	11.2	12.4	12.5	13.8	13.4	13.1	12.4	11.1	11.6	12.0	11.1	11.6	12.0	11.5	11.3		
Dodge City, Kans.	9.0	9.1	9.5	9.7	9.3	9.1	9.2	9.5	8.5	9.5	10.9	11.2	12.5	13.4	14.5	14.9	14.4	12.5	9.3	8.7	9.2	9.1	8.6	8.5	
Duluth, Minn.	9.5	8.6	8.7	8.9	9.2	9.4	10.2	10.6	10.5	10.7	9.8	10.4	10.9	11.1	10.8	10.1	9.6	8.5	9.5	10.5	10.5	9.7	9.5	9.9	
Eastport, Me.	13.9	14.0	18.9	14.7	14.5	16.0	14.5	15.1	15.4	16.4	16.2	16.8	16.3	16.9	15.4	15.2	15.8	15.9	15.9	14.8	14.4	15.0			
El Paso, Tex.	10.2	9.4	9.6	8.8	8.7	9.0	9.4	8.6	9.3	10.3	11.0	11.3	12.4	12.7	14.0	12.4	10.8	10.4	11.1	10.7	10.1	8.7	10.4		
Erie, Pa.	13.8	13.5	14.3	14.8	18.8	18.2	18.0	12.9	12.7	13.5	13.9	14.4	14.3	13.4	12.9	12.6	13.5	13.4	13.6	13.8	13.9	14.2	13.6		
Eureka, Cal.	5.8	4.7	4.7	5.7	4.7	4.5	4.4	4.4	4.2	3.8	4.0	4.3	4.7	4.7	5.0	7.0	7.4	8.4	8.1	6.7	6.6	6.5	6.3	5.5	
Fort Canby, Wash.	20.8	20.6	21.3	22.2	22.5	22.2	21.3	22.1	22.1	23.8	24.0	23.6	23.9	22.0	22.1	23.0	22.5	22.5	21.3	20.3	20.9	21.1	20.1	22.1	
Fort Smith, Ark.	6.3	7.1	6.8	6.5	6.7	7.3	7.1	7.8	7.5	7.6	8.7	8.0	8.1	8.9	10.1	10.2	9.9	8.8	6.7	6.0	6.7	6.3	6.8	7.6	
Fresno, Cal.	8.0	8.5	8.5	2.8	8.0	2.7	2.7	3.5	3.5	3.6	3.5	3.2	3.4	3.4	3.3	3.0	3.2	3.0	2.8	2.4	3.0	2.6	2.7	3.0	
Galveston, Tex.	12.1	12.3	11.8	12.2	12.0	11.8	12.1	12.2	12.3	13.2	13.2	11.9	11.8	11.6	11.7	12.4	12.1	11.3	11.1	12.5	12.8	12.3	12.1		
Grand Haven, Mich.	11.8	11.5	11.9	11.9	11.7	11.1	10.7	11.5	11.3	12.3	12.4	12.8	12.1	11.7	11.1	10.5	10.9	10.8	10.9	11.5	11.1	11.5	11.5		
Green Bay, Wis.	7.6	7.9	7.5	7.6	7.8	7.7	8.1	8.0	8.6	8.8	9.1	9.9	10.3	10.5	10.7	10.0	9.0	8.9	8.7	8.7	8.7	8.0	8.8		
Hannibal, Mo.	9.6	9.3	9.2	9.5	10.1	9.8	9.5	9.0	9.9	9.9	11.0	12.0	12.8	12.6	12.6	11.6	10.2	9.6	9.6	9.9	9.9	10.2	10.0	10.4	
Harrisburg, Pa.	6.6	6.5	7.0	6.8	7.6	6.7	7.2	7.0	6.8	7.1	7.4	8.8	8.4	8.7	8.8	7.8	7.6	7.6	6.8	7.4	7.2	7.0	6.8		
Hatteras, N. C.	15.5	16.6	17.2	17.9	17.9	17.0	17.1	17.1	16.0	16.0	16.4	15.6	16.3	16.2	16.1	15.1	14.9	15.5	15.6	15.2	14.7	15.0	14.9		
Havre, Mont.	12.2	18.5	13.0	13.4	13.7	13.9	13.8	13.4	13.4	13.8	13.0	12.5	12.1	13.1	13.1	13.0	12.6	12.4	12.4	12.1	12.9	13.1	13.6		
Helena, Mont.	8.8	8.7	8.0	9.1	8.8	8.9	7.7	8.3	8.8	8.7	8.1	8.4	8.5	9.0	9.0	9.2	9.2	8.0	8.4	8.7	9.0	9.5	8.8		
Huron, S. Dak.	11.9	12.7	12.4	12.7	12.6	11.8	11.8	11.5	12.8	14.0	14.8	15.7	17.5	18.1	17.9	17.0	14.6	13.8	13.4	14.2	14.4	14.0	13.2	13.9	
Idaho Falls, Idaho	7.6	7.2	6.2	6.0	6.4	6.2	5.7	5.5	5.5	6.1	6.8	6.5	7.5	7.5	7.8	7.5	7.8	8.6	8.3	8.0	7.6	7.5	7.2		
Independence, Cal.	5.0	5.3	5.3	5.7	5.6	5.3	5.4	5.7	6.8	6.9	6.5	5.8	6.8	7.4	7.4	6.7	6.4	6.0	5.9	5.5	6.1	5.9	6.1		
Indianapolis, Ind.	7.3	7.1	7.2	7.5	7.1	7.3	7.3	7.4	7.7	8.2	8.4	8.6	8.2	7.9											

TABLE VI.—Average wind movement, etc.—Continued.

Stations.	Wind movement.												Temperature.												
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Pensacola, Fla.	10.3	10.5	10.1	9.5	8.8	8.9	8.8	8.8	9.5	11.0	11.3	12.4	13.1	13.7	13.6	12.7	11.5	9.5	9.6	9.9	9.5	10.0	10.6	10.7	
Philadelphia, Pa.	11.4	11.5	11.4	10.6	10.4	10.5	10.2	10.7	11.4	11.9	12.2	12.1	12.6	12.8	11.7	11.6	10.4	10.3	10.9	11.6	12.3	12.5	11.9	11.1	11.4
Phoenix, Ariz.	4.3	4.1	3.4	3.8	4.8	3.9	4.2	3.7	3.2	3.1	2.9	3.4	4.1	5.2	5.4	5.2	4.6	3.7	2.9	3.0	4.1	4.4	4.7	4.0	
Pierre, S. Dak.	7.7	6.7	6.9	7.0	6.9	6.8	7.2	7.4	6.9	7.5	8.3	9.9	11.5	11.5	12.7	13.9	13.0	11.5	9.6	8.9	7.9	7.6	7.4	8.8	
Pittsburg, Pa.	7.1	6.8	6.6	6.1	6.0	5.9	6.1	6.3	7.2	7.8	8.0	8.6	8.8	8.5	8.2	8.8	7.3	6.8	6.6	6.5	7.3	7.9	7.8	7.2	
Port Angeles, Wash.	6.1	6.3	6.0	6.2	6.6	6.2	6.6	7.2	7.1	6.9	7.1	7.4	7.1	7.4	6.6	6.7	7.7	7.2	6.3	7.3	6.3	6.4	6.7	6.7	
Port Huron, Mich.	11.4	12.0	12.0	12.2	12.3	11.4	11.9	11.7	11.8	13.2	13.0	12.6	13.7	13.5	13.2	12.2	11.0	10.8	11.3	11.2	11.8	12.3	12.0	12.1	
Portland, Me.	8.4	9.0	9.6	9.5	10.0	10.0	9.2	8.9	9.6	9.0	8.7	8.3	8.8	8.2	8.0	7.5	7.3	7.7	8.0	8.9	8.5	8.6	8.9	8.7	
Portland, Oreg.	10.4	10.8	10.5	9.3	10.5	10.9	11.0	10.7	9.6	9.6	10.6	12.5	11.8	11.4	11.1	11.2	11.3	11.5	10.5	10.1	10.1	10.2	10.7		
Pueblo, Colo.	6.1	6.4	6.5	5.8	6.3	6.9	6.6	6.2	6.4	6.9	8.4	9.4	11.5	11.4	11.5	10.1	9.5	7.3	6.4	6.2	6.6	6.0	7.8		
Raleigh, N. C.	6.6	7.0	6.8	6.4	6.0	5.7	5.8	6.0	6.9	7.9	8.5	8.5	8.5	8.1	7.7	6.7	5.8	5.8	6.3	6.9	6.5	7.6	6.9	7.0	
Rapid City, S. Dak.	9.3	9.4	8.2	8.9	8.4	8.9	10.1	9.4	9.1	8.6	9.2	9.5	10.7	13.9	14.4	14.2	13.8	11.4	11.0	10.3	9.6	10.5	10.0	10.2	10.4
Red Bluff, Cal.	6.8	6.6	6.4	6.9	5.7	5.3	4.5	4.9	4.7	4.9	5.4	5.4	6.2	6.4	6.5	6.5	6.6	6.0	5.3	5.7	5.5	6.3	5.7		
Rochester, N. Y.	7.5	7.6	8.1	8.0	7.8	8.1	7.9	7.5	8.0	8.4	9.1	9.3	8.8	8.5	8.3	7.8	7.8	8.1	8.3	8.3	8.2	8.0	8.1		
Roseburg, Oreg.	2.8	2.9	2.7	2.7	2.9	3.8	2.8	2.6	3.4	3.5	3.5	3.4	3.7	3.5	4.0	4.4	4.7	3.9	3.4	3.2	3.1	2.8	3.3		
Sacramento, Cal.	7.4	7.7	8.0	9.0	9.2	8.7	8.3	8.1	7.9	8.1	7.5	7.8	7.7	8.4	9.0	9.0	8.5	7.9	7.4	7.4	7.8	7.1	8.0		
St. Louis, Mo.	12.1	11.7	11.8	10.9	12.1	10.8	11.6	12.2	11.7	11.5	12.6	13.3	13.5	13.6	13.6	14.3	13.9	13.2	12.5	12.8	12.8	12.2	12.4		
St. Paul, Minn.	6.9	7.3	7.4	7.4	7.3	7.8	7.7	7.5	7.7	7.8	8.2	8.4	8.7	8.9	9.3	9.2	8.2	7.5	7.2	6.8	6.7	7.1	7.3	7.6	
St. Vincent, Minn.	8.7	8.9	8.9	8.5	8.3	8.0	8.5	8.5	8.8	9.5	10.3	11.2	11.5	11.5	10.7	10.0	9.7	8.7	8.5	8.8	9.1	9.0	7.9	9.2	
Salt Lake City, Utah.	3.8	3.9	4.1	4.0	3.9	4.2	4.2	4.2	4.2	4.7	5.4	6.2	6.9	7.2	7.5	7.4	7.4	6.0	5.3	5.0	4.6	3.9	3.9	5.1	
San Antonio, Tex.	8.1	7.6	7.1	8.5	8.4	8.0	7.6	7.5	8.1	8.8	10.9	12.3	12.8	13.7	13.1	13.8	13.5	11.0	9.3	9.7	10.2	9.5	8.7	10.1	
San Diego, Cal.	2.9	3.1	3.6	3.7	3.9	3.4	3.2	3.9	3.5	3.4	3.0	2.4	2.7	3.8	5.5	7.2	8.4	8.5	7.6	5.9	3.7	3.2	3.0	4.2	
Sandusky, Ohio.	9.0	9.3	9.4	9.3	9.6	10.1	10.2	10.5	10.7	11.0	11.2	11.4	11.4	10.9	10.5	9.7	8.7	8.5	8.9	8.8	9.0	8.8	8.9	8.4	
San Francisco, Cal.	6.3	6.4	6.2	6.2	6.5	6.3	6.1	6.1	6.4	7.3	7.1	6.9	7.3	8.0	8.3	8.6	9.1	9.2	9.7	8.8	8.2	6.2	6.5	7.3	
San Luis Obispo, Cal.	4.5	4.5	4.8	4.8	4.6	4.5	4.8	5.3	5.1	4.8	5.1	5.5	6.1	7.0	7.3	7.5	8.0	8.0	7.0	6.1	5.5	5.1	4.8	5.6	
Santa Fe, N. Mex.	5.8	5.5	5.6	6.2	6.4	6.0	5.5	6.4	6.5	6.6	7.5	9.0	9.8	11.0	10.7	9.8	9.6	9.3	7.1	5.6	5.6	6.8	7.3	6.5	7.3
Sault Ste Marie, Mich.	7.9	7.8	7.9	7.6	7.7	7.6	7.6	7.8	7.6	7.6	8.2	9.2	9.4	9.2	9.1	9.0	8.8	8.6	8.1	8.6	8.7	8.3	8.9	8.4	
Savannah, Ga.	6.6	6.6	7.0	6.9	7.4	7.5	7.7	6.9	7.6	8.4	8.9	8.8	8.7	8.9	9.2	9.5	8.7	7.4	7.7	8.0	8.2	7.6	7.3	7.9	
Seattle, Wash.	7.3	7.6	7.8	8.1	8.0	8.4	8.3	7.8	8.3	8.4	8.3	7.4	8.6	9.1	9.8	9.9	8.0	7.2	6.8	7.2	7.1	6.7	6.9	7.2	7.8
Shreveport, La.	9.6	10.1	9.7	9.0	9.0	9.0	9.0	9.3	9.1	10.2	11.0	11.1	11.0	11.5	12.1	11.8	10.7	9.3	9.4	9.8	10.2	9.6	9.7	10.1	
Sioux City, Iowa.	10.4	10.4	10.4	10.7	10.0	9.7	9.4	9.4	10.0	10.5	11.6	12.7	13.5	14.4	14.2	14.4	13.8	11.4	9.3	9.0	8.9	9.3	9.8	10.2	11.0
Spokane, Wash.	6.9	7.2	7.3	7.1	7.0	7.1	7.1	7.5	7.4	8.0	8.8	8.5	9.5	10.0	9.5	10.0	9.4	10.0	9.3	9.7	8.7	8.0	7.5	8.4	
Springfield, Ill.	11.0	10.8	10.2	10.2	10.4	10.2	10.0	9.9	9.8	10.5	10.6	11.9	12.0	11.7	11.1	10.3	10.2	10.6	11.3	10.6	10.3	10.6	10.7		
Springfield, Mo.	11.0	11.5	11.1	11.4	10.7	10.8	9.6	10.0	10.6	11.1	12.3	12.9	13.6	14.1	14.4	14.3	13.7	12.1	11.6	12.4	12.5	11.9	10.8	12.0	
Tampa, Fla.	5.6	5.4	5.0	5.1	5.3	5.6	6.3	6.8	6.6	7.7	8.1	8.8	8.5	8.4	8.3	7.7	6.5	6.2	5.4	5.4	5.6	5.4	5.4	5.6	
Tatoosh Island, Wash.	20.7	21.6	21.4	21.5	20.9	21.3	21.9	22.6	23.3	22.9	22.9	22.8	21.6	21.5	22.2	22.9	21.4	21.6	20.5	20.3	21.0	20.2	20.3	21.4	21.5
Toledo, Ohio.	11.5	10.5	11.0	10.8	11.3	11.4	11.6	11.5	11.7	12.6	12.5	12.8	12.2	11.9	11.9	10.5	10.0	10.3	10.8	10.6	10.1	10.8	11.1	11.3	
Vicksburg, Miss.	10.0	9.6	9.6	9.8	9.9	10.4	10.5	10.7	10.8	10.7	10.5	10.8	11.1	11.2	10.7	10.4	9.1	8.5	8.3	8.5	9.4	9.8	9.5	10.0	
Vineyard Haven, Mass.	11.1	11.2	11.0	10.7	11.2	10.9	11.0	10.5	10.8	11.8	11.9	12.5	12.8	13.4	11.2	10.7	9.5	9.8	10.5	10.4	11.2	10.9	11.4	11.0	
Walla Walla, Wash.	7.2	7.2	7.2	7.2	7.1	6.4	7.0	7.8	7.9	8.0	8.5	9.0	9.1	9.5	9.5	9.5	8.9	8.4	7.8	8.1	8.3	8.0	7.8	8.0	
Washington, D. C.	6.4	6.2	6.1	6.0	6.5	6.1	5.9	5.7	6.3	7.4	8.4	8.4	9.4	9.1	9.1	8.9	8.9	7.4	6.8	6.4	6.3	5.8	6.3	7.0	
Wichita, Kans.	9.4	10.0	10.0	10.5	9.9	9.7	9.9	10.6	10.5	10.5	12.0	12.7	13.2	13.7	14.0	13.8	13.0	11.1	8.8	8.9	8.9	9.8	10.0	10.9	
Williston, N. Dak.	9.7	9.3	10.4	10.4	10.5	10.2	9.4	9.0	9.5	8.8	8.6	8.6	10.0	11.9	12.7	13.3	11.9	10.5	9.9	9.4	10.4	11.0	10.7	10.4	
Wilmington, N. C.	9.0	8.9	7.9	7.7	8.0	7.8	8.0	8.4	8.4	9.5	10.1	10.8	10.7	10.2	10.0	9.1	7.8	8.3	8.1	8.3	8.9	9.0	8.8	8.6	
Winnebucca, Nev.	11.1	9.6	9.7	9.7	10.1	10.1	10.7	12.0	11.2	10.8	10.4	9.4	9.1	10.6	11.1	11.6	11.4	10.4	10.0	9.8	9.5	10.5	11.5	10.4	
Woods Hole, Mass.	19.3	19.5	18.8	18.8	19.4	18.5	17.7	18.5	18.5	18.8	19.2	19.2	19.1	18.7	18.5	18.3	18.4	18.8	18.6	19.2	18.9	19.9	20.6	19.0	
Yuma, Ariz.	4.3	5.1	5.2	5.5	5.4	5.6	5.4	6.1	6.1	6.0	6.8	8.0	10.7	12.0	11.8	11.3	11.4	10.5	7.4	5.8	4.7	4.5	7.8		

TABLE VII.—Heights of rivers above low-water mark, December, 1895.

Stations.	Distance to month of river.	Danger point on gauge.	Highest water.		Lowest water.		Stations.	Distance to month of river.	Danger point on gauge.	Highest water.		Lowest water.	
Height.	Date.	Height.	Date.	Height.	Date.	Height.							

TABLE VIII.—Temperature of the wet-bulb thermometer, December, 1895.

Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.			Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.		
		Max.	Min.	Mean.	Max.	Min.	Mean.			Max.	Min.	Mean.	Max.	Min.	Mean.
<i>New England.</i>															
Eastport, Me.	82 F.	51	2	○	53	5	28	Up. Lake Region—Con.	h. m.	○	○	○	○	○	○
Portland, Me.	19 F.	53	—1	26	51	8	24	Milwaukee, Wis.	51 S.	44	—1	24	47	10	27
Northfield, Vt.	9 F.	44	—13	19	46	—3	23	Green Bay, Wis.	52 S.	45	—2	21	36	9	23
Boston, Mass.	16 F.	53	7	31	55	11	33	Duluth, Minn.	08 S.	38	—7	16	36	3	20
Nantucket, Mass.	20 F.	53	23	37	55	24	38	<i>North Dakota.</i>							
Woods Hole, Mass.	17 F.	55	12	34	54	21	36	Moorhead, Minn.	1 27 S.	32	—15	9	35	—4	16
Block Island, R. I.	14 F.	55	7	39	55	12	36	St. Vincent, Minn.	1 20 S.	32	—21	6	34	—14	11
New Haven, Conn.	8 F.	52	7	39	53	10	33	Bismarck, N. Dak.	1 42 S.	32	—16	12	34	—8	16
New London, Conn.	70	48	61	72	44	62	62	Williston, N. Dak.	1 54 S.	34	—9	12	36	0	16
<i>Middle Atlantic States.</i>								<i>Upper Mississippi Valley.</i>							
Albany, N. Y.	5 F.	47	0	36	56	4	31	St. Paul, Minn.	1 12 S.	34	—1	17	36	2	21
New York, N. Y.	4 F.	53	13	31	54	15	35	La Crosse, Wis.	1 05 S.	49	—9	20	40	5	28
Harrisburg, Pa.	7 S.	54	13	30	50	18	35	Davenport, Iowa	1 02 S.	51	—2	25	53	9	28
Philadelphia, Pa.	0	52	12	33	59	17	36	Des Moines, Iowa	1 14 S.	36	1	22	50	10	30
Baltimore, Md.	6 S.	51	12	32	56	20	36	Keokuk, Iowa	1 06 S.	53	3	26	53	10	38
Washington, D. C.	8 S.	53	12	32	60	19	34	Cairo, Ill.	56 S.	56	14	24	60	10	31
Lynchburg, Va.	16 S.	56	16	32	56	23	36	Springfield, Ill.	58 S.	53	4	29	52	10	31
Norfolk, Va.	5 S.	57	23	38	64	29	43	Hannibal, Mo.	1 05 S.	53	4	28	54	13	35
<i>South Atlantic States.</i>								St. Louis, Mo.	1 01 S.	55	6	33	55	15	35
Charlotte, N. C.	23 S.	57	18	34	59	23	39	<i>Missouri Valley.</i>							
Hatteras, N. C.	2 S.	65	28	44	64	30	47	Columbia, Mo.	1 09 S.	59	—	28	53	12	31
Kittyhawk, N. C.	3 S.	60	24	41	63	23	41	Kansas City, Mo.	1 18 S.	59	7	28	56	13	32
Raleigh, N. C.	14 S.	59	20	35	60	23	40	Springfield, Mo.	1 13 S.	54	5	21	56	12	34
Wilmington, N. C.	13 S.	63	22	40	66	27	45	Omaha, Nebr.	1 24 S.	37	3	22	50	7	38
Charleston, S. C.	90 S.	64	26	44	62	24	48	Sioux City, Iowa	1 26 S.	39	—5	19	43	3	35
Augusta, Ga.	27 S.	55	21	37	58	27	43	Pierre, S. Dak.	1 41 S.	35	—5	17	42	6	26
Savannah, Ga.	24 S.	62	25	42	61	20	46	Huron, S. Dak.	1 32 S.	32	—10	13	38	—2	21
Jacksonville, Fla.	26 S.	63	26	45	63	34	50	<i>Northern Slope.</i>							
<i>Florida Peninsula.</i>								Havre, Mont.	2 19 S.	41	—24	18	44	—12	21
Jupiter, Fla.	20 S.	72	42	58	70	42	59	Miles City, Mont.	2 03 S.	40	—5	17	40	2	28
Key West, Fla.	27 S.	72	48	62	74	53	63	Helena, Mont.	2 28 S.	42	—4	19	38	3	28
Tampa, Fla.	30 S.	66	32	51	67	38	53	Rapid City, S. Dak.	1 53 S.	40	—5	23	36	1	25
<i>Eastern Gulf States.</i>								Cheyenne, Wyo.	1 59 S.	38	—5	20	34	2	18
Atlanta, Ga.	37 S.	58	16	37	59	26	42	Lander, Wyo.	2 15 S.	24	9	9	34	9	27
Pensacola, Fla.	49 S.	65	27	43	65	32	48	North Platte, Nebr.	1 43 S.	32	—3	19	44	10	34
Mobile, Ala.	52 S.	64	28	42	64	32	48	<i>Middle Slope.</i>							
Montgomery, Ala.	45 S.	60	20	39	63	29	45	Denver, Colo.	2 00 S.	36	4	22	41	14	28
Meridian, Miss.	55 S.	62	19	37	61	28	44	Pueblo, Colo.	1 58 S.	36	4	21	43	15	28
Vicksburg, Miss.	1 03 S.	61	23	41	64	31	45	Concordia, Kans.	1 31 S.	34	5	23	45	10	29
New Orleans, La.	1 00 S.	63	30	45	66	34	50	Dodge City, Kans.	1 40 S.	34	4	23	42	9	29
<i>Western Gulf States.</i>								Wichita, Kans.	1 29 S.	45	8	26	56	15	33
Shreveport, La.	1 14 S.	64	26	42	63	30	48	Oklahoma, Okla.	1 30 S.	60	10	30	60	17	33
Fort Smith, Ark.	1 17 S.	59	16	35	60	23	41	<i>Southern Slope.</i>							
Little Rock, Ark.	1 08 S.	60	17	37	60	28	42	Abilene, Tex.	1 39 S.	57	19	34	59	24	40
Corpus Christi, Tex.	1 30 S.	68	26	50	69	37	54	Amarillo, Tex.	1 47 S.	37	9	25	45	12	32
Galveston, Tex.	1 19 S.	65	30	50	64	36	53	<i>Southern Plateau.</i>							
Palestine, Tex.	1 22 S.	64	23	41	65	30	46	El Paso, Tex.	2 06 S.	42	13	27	46	23	36
San Antonio, Tex.	1 34 S.	65	22	42	66	31	47	Santa Fe, N. Mex.	2 04 S.	30	1	17	36	3	23
<i>Ohio Valley and Tenn.</i>								Phoenix, Ariz.	2 04 S.	49	22	36	56	23	45
Chattanooga, Tenn.	41 S.	57	15	35	57	23	39	Yuma, Ariz.	2 38 S.	48	35	37	52	24	33
Knoxville, Tenn.	36 S.	57	13	33	57	21	38	Independence, Cal.	2 53 S.	32	17	26	40	24	33
Memphis, Tenn.	1 00 S.	59	22	37	61	27	43	<i>Middle Plateau.</i>							
Nashville, Tenn.	47 S.	57	13	35	55	18	38	Carson City, Nev.	2 59 S.	39	7	24	43	19	33
Lexington, Ky.	38 S.	53	10	33	56	16	36	Winnemucca, Nev.	2 51 S.	38	—10	19	43	14	33
Louisville, Ky.	43 S.	56	15	33	56	19	36	Salt Lake City, Utah	2 27 S.	34	6	22	36	13	26
Indianapolis, Ind.	44 S.	55	9	30	53	17	32	<i>N. Pac. Coast Region.</i>							
Cincinnati, Ohio.	38 S.	50	14	32	54	20	35	Baker City, Oreg.	3 16 S.	33	—3	22	36	10	26
Columbus, Ohio.	32 S.	52	13	30	53	18	34	Idaho Falls, Idaho.	2 28 S.	37	—3	15	36	7	20
Pittsburg, Pa.	20 S.	56	15	33	55	21	36	Spokane, Wash.	2 49 S.	43	14	23	46	20	31
Parkersburg, W. Va.	26 S.	54	16	32	56	18	35	Walla Walla, Wash.	2 53 S.	48	20	34	51	23	37
<i>Lower Lake Region.</i>								<i>N. Pac. Coast Region.</i>							
Buffalo, N. Y.	15 S.	52	9	30	51	16	33	Fort Canby, Wash.	3 16 S.	51	30	42	52	34	42
Oswego, N. Y.	6 S.	48	3	27	52	9	30	Port Angeles, Wash.	3 14 S.	47	22	37	53	31	40
Rochester, N. Y.	11 S.	49	3	28	52	14	30	Seattle, Wash.	3 09 S.	50	23	38	53	33	40
Erie, Pa.	20 S.	54	9	30	53	13	32	Tatoosh Island, Wash.	3 19 S.	55	31	42	52	33	42
Cleveland, Ohio.	27 S.	51	10	29	54	16	32	Portland, Oreg.	3 11 S.	54	31	39	53	31	40
Sandusky, Ohio.	30 S.	52	11	30	54	18	32	Roseburg, Oreg.	3 13 S.	52	28	38	55	32	42
Toledo, Ohio.	34 S.	52	6	28	52	18	30	<i>Mid. Pac. Coast Region.</i>							
Detroit, Mich.	32 S.	50	7	27	52	11	28	Eureka, Cal.	3 17 S.	52	31	42	52	34	47
<i>Upper Lake Region.</i>								Red Bluff, Cal.	3 09 S.	51	26	37	52	35	43
Alpena, Mich.	34 S.	39	10	24	41	9	26	Sacramento, Cal.	3 06 S.	51	27	38	54	34	44
Grand Haven, Mich.	45 S.	43	5	28	51	15	29	San Francisco, Cal.	3 10 S.	54	37	49	56	32	48
Marquette, Mich.	49 S.	40	3	22	38	12	23	<i>S. Pac. Coast Region.</i>							
Port Huron, Mich.	30 S.	52	6	26	50	10	28	Fresno, Cal.	2 59 S.	46	29	38	55	39	44
Sault Ste. Marie, Mich.	37 S.	43	8	21	40	6	28	Los Angeles, Cal.	2 53 S.	50	34	41	53	44	51
Chicago, Ill.	50 S.	52	0	26	50	11	28	San Diego, Cal.	2 49 S.	52	32	42	57	44	51
								San Luis Obispo, Cal.	3 03 S.	52	28	38	55	39	47

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during December, 1895.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>													
Eastport, Me.	Hours.	Hours.	Hours.	Hours.	°	Hours.	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	°	Hours.
Portland, Me.	23	16	13	27	n. 63 w.	16	Milwaukee, Wis.	18	21	9	26	s. 81 w.	19
Northfield, Vt.	26	16	5	26	n. 65 w.	23	Green Bay, Wis.	14	36	5	23	s. 38 w.	23
Boston, Mass.	29	30	3	17	s. 60 w.	16	Duluth, Minn.	16	21	5	35	s. 81 w.	30
Nantucket, Mass.	25	16	4	29	n. 70 w.	27	North Dakota.						
Woods Hole, Mass. ^a	24	12	20	21	n. 5 w.	12	Moorhead, Minn.	19	27	5	21	s. 63 w.	18
Block Island, R. I.	11	11	5	12	w.	7	St. Vincent, Minn.	15	33	7	17	s. 29 w.	21
New Haven, Conn.	23	12	17	26	n. 39 w.	14	Bismarck, N. Dak.	28	10	7	34	n. 56 w.	32
	30	16	5	18	n. 43 w.	19	Williston, N. Dak.	20	16	6	31	n. 81 w.	25
<i>Middle Atlantic States.</i>							Upper Mississippi Valley.						
Albany, N. Y.	22	25	6	15	s. 72 w.	10	St. Paul, Minn.	13	22	14	27	s. 55 w.	16
New York, N. Y.	23	15	16	24	n. 49 w.	11	La Crosse, Wis.	14	28	5	22	s. 51 w.	22
Harrisburg, Pa.	16	6	27	18	n. 42 e.	14	Davenport, Iowa.	16	18	15	27	s. 81 w.	12
Philadelphia, Pa.	22	18	12	20	n. 63 w.	9	Des Moines, Iowa.	28	16	5	27	n. 61 w.	26
Baltimore, Md.	26	19	13	13	n.	7	Keokuk, Iowa.	25	20	9	26	n. 74 w.	18
Washington, D. C.	23	18	12	17	n. 45 w.	7	Cairo, Ill.	17	31	9	14	s. 16 w.	18
Lynchburg, Va.	18	23	18	19	s. 11 w.	5	Springfield, Ill.	16	29	8	21	s. 45 w.	18
Norfolk, Va.	27	20	15	12	n. 23 e.	8	Hannibal, Mo.	20	23	6	22	s. 79 w.	22
							St. Louis, Mo.	19	26	12	16	s. 30 w.	8
<i>South Atlantic States.</i>							Missouri Valley.						
Charlotte, N. C.	18	23	28	8	s. 76 e.	21	Columbia, Mo. *	12	8	8	11	n. 37 w.	5
Hatteras, N. C.	31	14	13	17	n. 18 w.	18	Kansas City, Mo.	28	18	12	18	n. 31 w.	12
Kittyhawk, N. C.	27	17	12	20	n. 39 w.	12	Springfield, Mo.	19	28	10	16	s. 34 w.	11
Raleigh, N. C.	28	22	9	15	n. 45 w.	8	Omaha, Nebr.	23	17	5	27	n. 75 w.	23
Wilmington, N. C.	21	16	18	20	n. 23 w.	5	Sioux City, Iowa.	24	25	5	22	s. 87 w.	17
Charleston, S. C.	22	16	15	22	n. 49 w.	9	Pierre, S. Dak.	20	15	16	24	n. 58 w.	9
Augusta, Ga.	23	14	15	22	n. 38 w.	11	Huron, S. Dak.	14	23	15	25	s. 48 w.	14
Savannah, Ga.	15	21	14	26	s. 63 w.	13							
Jacksonville, Fla.	28	10	19	21	n. 6 w.	18	<i>Northern Slope.</i>						
							Havre, Mont.	18	19	6	39	s. 88 w.	33
<i>Florida Peninsula.</i>							Miles City, Mont.	9	29	6	27	s. 46 w.	23
Jupiter, Fla.	19	8	21	25	n. 20 w.	12	Helena, Mont.	8	26	1	45	s. 68 w.	46
Key West, Fla.	37	4	29	7	n. 34 e.	40	Rapid City, S. Dak.	13	19	5	28	s. 80 w.	34
Tampa, Fla.	40	6	17	12	n. 8 e.	34	Cheyenne, Wyo.	28	5	2	43	n. 61 w.	47
							Lander, Wyo.	14	24	8	33	s. 67 w.	26
<i>Eastern Gulf States.</i>							North Platte, Nebr.	12	17	3	39	s. 82 w.	37
Atlanta, Ga.	16	17	16	29	s. 86 w.	13							
Pensacola, Fla.	27	15	21	18	n. 14 e.	12	<i>Middle Slope.</i>						
Mobile, Ala.	28	20	14	15	n. 9 w.	6	Denver, Colo.	19	29	13	16	s. 17 w.	10
Montgomery, Ala.	17	21	25	15	n. 68 w.	11	Pueblo, Colo.	27	10	10	23	n. 47 w.	25
Meridian, Miss.	22	23	17	15	n. 63 e.	2	Concordia, Kans.	25	18	4	25	n. 69 w.	22
Vicksburg, Miss.	15	26	23	15	n. 36 e.	14	Dodge City, Kans.	37	11	12	18	n. 13 w.	27
New Orleans, La.	17	19	27	15	n. 81 e.	12	Wichita, Kans.	30	21	7	15	n. 42 w.	12
							Oklahoma, Okla.	30	20	2	20	n. 61 w.	21
<i>Western Gulf States.</i>													
Shreveport, La.	11	22	11	20	s. 39 w.	14	<i>Southern Slope.</i>						
Fort Smith, Ark.	17	9	8	16	n. 45 w.	11	Abilene, Tex.	24	19	6	24	n. 74 w.	19
Little Rock, Ark.	14	24	11	22	s. 48 w.	15	Amarillo, Tex.	29	18	4	21	n. 57 w.	20
Corpus Christi, Tex.	21	23	26	12	s. 82 e.	14	<i>Southern Plateau.</i>						
Galveston, Tex.	20	24	14	17	s. 37 w.	5	El Paso, Tex.	28	2	9	38	n. 46 w.	39
Palestine, Tex.	14	30	5	26	s. 53 w.	8	Santa Fe, N. Mex.	34	14	27	5	n. 48 w.	30
San Antonio, Tex.	27	21	14	9	n. 40 e.	8	Phoenix, Ariz.	4	40	15	16	s. 2 w.	36
							Yuma, Ariz.	44	4	24	9	n. 21 e.	42
<i>Ohio Valley and Tennessee.</i>							Independence, Cal.	21	17	6	33	n. 82 w.	27
Chattanooga, Tenn.	15	23	10	22	s. 56 w.	14							
Knoxville, Tenn.	21	20	14	25	n. 85 w.	11	<i>Middle Plateau.</i>						
Memphis, Tenn.	11	31	17	16	s. 3 e.	20	Carson City, Nev.	28	15	9	17	n. 32 w.	15
Nashville, Tenn.	13	31	25	16	s. 25 e.	21	Winnemucca, Nev.	15	17	7	18	s. 77 e.	9
Lexington, Ky.	11	37	9	20	s. 23 w.	28	Salt Lake City, Utah.	10	24	25	14	s. 38 e.	18
Louisville, Ky.	13	35	18	11	s. 18 e.	23							
Indianapolis, Ind.	15	31	15	17	s. 7 w.	16	Baker City, Oreg.	10	39	23	10	s. 24 e.	22
Cincinnati, Ohio	11	29	21	15	s. 18 e.	19	Idaho Falls, Idaho.	22	28	7	16	s. 56 w.	11
Columbus, Ohio	11	33	28	17	s. 26 e.	25	Spokane, Wash.	3	34	16	17	s. 2 w.	26
Pittsburg, Pa.	12	29	21	20	s. 3 e.	17	Walla Walla, Wash.	7	39	8	14	s. 11 w.	33
Parkersburg, W. Va.	10	27	22	12	s. 30 e.	20							
							<i>North Pacific Coast Region.</i>						
<i>Lower Lake Region.</i>							Fort Canby, Wash.	4	26	24	17	s. 18 e.	23
Buffalo, N. Y.	11	24	15	26	s. 40 w.	17	Port Angeles, Wash.	2	43	10	20	s. 14 w.	42
Oswego, N. Y.	11	37	17	13	s. 9 e.	26	Seattle, Wash.	10	39	19	17	s. 22 e.	31
Rochester, N. Y.	4	31	12	29	s. 33 w.	32	Tatoosh Island, Wash.	12	19	27	22	s. 16 e.	18
Erie, Pa.	10	35	13	18	s. 11 w.	26	Portland, Oreg.	17	36	18	13	s. 13 e.	30
Cleveland, Ohio	8	35	23	15	s. 17 e.	28	Roseburg, Oreg.	6	28	18	20	s. 5 w.	28
Sandusky, Ohio	14	26	12	29	s. 55 w.	21							
Toledo, Ohio	14	28	9	28	s. 54 w.	24	Eureka, Cal.	15	23	27	14	s. 62 e.	14
Detroit, Mich.	13	29	9	22	s. 55 w.	28	Red Bluff, Cal.	30	17	13	18	s. 21 w.	14
							Sacramento, Cal.	21	25	20	21	s. 63 e.	9
<i>Upper Lake Region.</i>							San Francisco, Cal.	32	8	13	21	s. 18 w.	25
Alpena, Mich.	9	25	12	30	s. 48 w.	24							
Grand Haven, Mich.	17	20	21	19	s. 34 e.	4	<i>South Pacific Coast Region.</i>						
Marquette, Mich.	18	23	8	29	s. 77 w.	23	Fresno, Cal.	14	5	29	28	n. 34 e.	11
Port Huron, Mich.	6	38	12	18	s. 11 w.	33	Los Angeles, Cal.	33	4	17	22	n. 10 w.	29
Sault Ste. Marie, Mich.	12	26	23	15	s. 43 e.	19	San Diego, Cal.	34	2	20	21	s. 2 w.	32
Chicago, Ill.	18	26	5	25	s. 68 w.	23	San Luis Obispo, Cal.	43	9	5	16	n. 18 w.	36

* From observations at 8 p. m. only.

TABLE X.—*Thunderstorms and auroras, December, 1895.*

States.	No. of stations.	Total.																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No.	Days.		
Alabama	50	T.																																	T.	
Arizona	42	T.																																	A.	
Arkansas	47	T.	4																																A.	
California	202	T.																																	A.	
Colorado	82	A.																																	A.	
Connecticut	22	T.																																	A.	
Delaware	6	T.																																	A.	
Dist. of Columbia	4	T.																																	A.	
Florida	38	T.																																	A.	
Georgia	38	T.																																	A.	
Idaho	34	A.																																	A.	
Illinois	37	T.	1																																A.	
Indiana	46	T.																																	A.	
Indian Territory	8	T.																																	A.	
Iowa	96	T.																																	A.	
Kansas	82	T.																																	A.	
Kentucky	39	T.																																	A.	
Louisiana	47	A.	2	1																														A.		
Maine	16	T.	1																																A.	
Maryland	42	T.																																	A.	
Massachusetts	81	T.	1																																A.	
Michigan	80	T.																																	A.	
Minnesota	70	T.																																	A.	
Mississippi	47	T.	1																																A.	
Missouri	96	T.	1																																A.	
Montana	39	T.																																	A.	
Nebraska	126	T.																																	A.	
Nevada	54	T.																																	A.	
New Hampshire	24	T.																																	A.	
New Jersey	53	T.																																	A.	
New Mexico	34	T.																																	A.	
New York	90	T.																																	A.	
North Carolina	52	T.																																	A.	
North Dakota	36	T.																																	A.	
Ohio	134	T.																																	A.	
Oklahoma	20	T.																																	A.	
Oregon	63	T.																																	A.	
Pennsylvania	100	T.																																	A.	
Rhode Island	8	T.																																	A.	
South Carolina	38	T.																																	A.	
South Dakota	46	T.																																	A.	
Tennessee	47	T.	2	1																														A.		
Texas	85	T.	1																																A.	
Utah	34	T.																																	A.	
Vermont	16	T.																																	A.	
Virginia	37	T.																																	A.	
Washington	47	A.																																	A.	
West Virginia	38	T.																																	A.	
Wisconsin	58	T.																																	A.	
Wyoming	13	A.																																	A.	
Sums	2,705	T.	12	2	0	0	0	0	0	1	4	4	0	1	4	0	5	2	12	80	34	22	6	20	2	3	6	11	1	8	3	0	255	...	T.	A.
		A.	1	2	0	0	0	0	0	2	11	17	8	8	3	0	5	3	1	7	3	1	2	3	0	2	3	6	3	1	0	89	...	T.	A.	

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, December, 1895.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.																		Monthly summary.		
		A. M.									P. M.									Instrumental record.		
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.	Personal estimate.	
Atlanta, Ga.	T.	32	32	42	50	60	66	61	60	63	49	45	40	40	40	40	40	40	40	40	40	40
Baltimore, Md.	T.	29	29	39	44	44	44	45	38	35	25	23	0	0	0	0	0	0	0	0	0	0
Bismarck, N. Dak.	P.	31	35	46	61	50	50	44	40	29	1	0	0	0	0	0	0	0	0	0	0	
Boston, Mass.	T.	38	37	45	46	45	45	48	50	43	44	34	0	0	0	0	0	0	0	0	0	
Buffalo, N. Y.	T.	8	7	15	26	32	32	42	38	21	8	0	0	0	0	0	0	0	0	0	0	
Chicago, Ill.	T.	14	15	24	31	35	35	38	33	31	22	31	23	23	23	23	23	23	23	23	23	
Cincinnati, Ohio	T.	32	38	38	38	38	38	35	27	29	24	23	23	23	23	23	23	23	23	23	23	
Cleveland, Ohio	P.	19	23	31	36	39	39	43	36	33	29	23	23	23	23	23	23	23	23	23	23	
Columbus, Ohio	T.	12	20	33	43	49	45	43	57	19	10	3	0	0	0	0	0	0	0	0	0	
Denver, Colo.	P.	74	79	85	84	86	84	79	72	77	70	70	70	70	70	70	70	70	70	70	70	
Des Moines, Iowa	T.	38	39	43	53	55	55	55	51	47	45	49	49	49	49	49	49	49	49	49	49	
Detroit, Mich.	T.	21	27	36	41	48	48	53	50	37	30	30	30	30	30	30	30	30	30	30	30	
Dodge City, Kans.	P.	64	49	56	68	70	72	76	75	68	66	66	66	66	66	66	66	66	66	66	66	
Eastport, Me.	T.	26	31	35	49	50	56	56	56	56	54	54	54	54	54	54	54	54	54	54	54	
Eureka, Cal.	P.	26	36	38	45	46	46	42	39	41	38	24	24	24	24	24	24	24	24	24	24	
Galveston, Tex.	P.	47	48	54	55	58	58	56	58	58	58	58	58	58	58	58	58	58	58	58	58	
Helena, Mont.	T.	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
Kansas City, Mo.	P.	42	35	39	46	53	56	56	57	54	51	48	46	46	46	46	46	46	46	46	46	
Little Rock, Ark.	T.	42	35	39	46	53	56	56	57	54	50	52	52	52	52	52	52	52	52	52	52	
Louisville, Ky.	T.	38	34	56	65	70	70	70	70	70	71	71	71	71	71	71	71	71	71	71	71	
New Orleans, La.	T.	30	32	38	45	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	
New York, N. Y.	T.	30	31	32	33	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
Philadelphia, Pa.	T.	37	45	58	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
Phoenix, Ariz.	P.	80	79	85	91	90	91	90	90	90	93	93	93	93	93	93	93	93	93	93	93	
Portland, Me.	T.	14	44	62	75	79	79	79	79	77	77	77	77	77	77	77	77	77	77	77	77	
Portland, Oreg.	P.	8	11	12	16	24	24	24	24	19	15	15	15	15	15	15	15	15	15	15	15	
Do.	T.	10	24	45	45	56	64	57	57	56	54	49	49	49	49	49	49	49	49	49	49	
Rochester, N. Y.	T.	27	27	45	58	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	
St. Louis, Mo.	T.	27	27	38	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
Salt Lake City, Utah	P.	64	78	87	91	95	95	95	97	97	97	97	97	97	97	97	97	97	97	97	97	
San Diego, Cal.	P.	6	36	55	73	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	
San Francisco, Cal.	T.	86	79	82	82	85	87	87	89	88	88	88	88	88	88	88	88	88	88	88	88	
Savannah, Ga.	T.	42	46	67	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	
Vicksburg, Miss.	T.	58	41	46	56	64	65	65	67	66	65	65	65	65	65	65	65	65	65	65	65	
Washington, D. C.	T.	29	44	47	50	50	51	45	50	50	52	52	52	52	52	52	52	52	52	52	52	
Wilmington, N. C.	T.	31	30	61	70	72	68	72	68	68	68	68	68	68	68	68	68	68	68	68	68	

TABLE XII.—Hourly precipitation, December, 1895.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Atlanta, Ga.†	0.06	0.23	0.06	0.05	0.23	0.44	0.18	0.13	0.06	0.07	0.13	0.20	0.13	0.20	0.13	0.08	0.14	0.18	0.07	0.06	0.04	0.05	0.10	0.09	2.67	
Baltimore, Md.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bismarck, N. Dak.*	0.08	0.20	0.45	0.18	0.47	0.29	0.06	T.	T.	0.01	0.04	0.10	0.02	0.03	0.03	0.02	0.03	0.08	0.07	0.07	0.04	0.05	0.10	0.09	2.42	
Boston, Mass.	0.08	0.16	0.16	0.11	0.14	0.17	0.09	0.07	0.08	0.08	0.15	0.09	0.26	0.35	0.38	0.28	0.24	0.42	0.42	0.38	0.28	0.16	0.17	0.13	5.26	
Buffalo, N. Y.	0.11	0.16	0.16	0.11	0.14	0.17	0.09	0.07	0.08	0.08	0.15	0.09	0.26	0.35	0.38	0.28	0.24	0.42	0.42	0.38	0.28	0.16	0.17	0.13	5.26	
Chicago, Ill.	0.14	0.27	0.29	0.13	0.11	0.14	0.09	0.07	0.11	0.17	0.09	0.07	0.04	0.07	0.03	0.04	0.01	0.01	0.03	0.04	0.07	0.08	0.04	0.04	2.16	
Cincinnati, Ohio†	0.13	0.07	0.10	0.09	0.07	0.13	0.15	0.13	0.13	0.20	0.30	0.06	0.05	0.13	0.20	0.27	0.21	0.11	0.17	0.14	0.16	0.08	0.10	0.14	3.19	
Cleveland, Ohio†	0.15	0.14	0.19	0.18	0.20	0.16	0.13	0.20	0.31	0.28	0.13	0.17	0.09	0.07	0.12	0.14	0.10	0.10	0.17	0.23	0.22	0.19	0.19	0.16	4.12	
Denver, Colo.	0.00	0.00	0.00	0.00	0.00	T.	T.	T.	T.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Detroit, Mich.†	0.28	0.26	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	4.73	
Dodge City, Kans. *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Duluth, Minn. *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eastport, Me.	0.09	0.06	0.11	0.12	T.	0.02	0.08	0.15	0.20	0.08	0.05	0.13	0.20	0.26	0.08	0.03	0.08	0.02	0.04	0.02	0.03	0.05	0.10	0.05	2.75	
Galveston, Tex.	0.02	T.	T.	0.01	0.02	0.14	0.16	0.38	0.35	0.28	0.26	0.18	0.16	0.16	0.07	0.04	0.05	0.04	0.03	0.07	0.10	0.19	4.04	4.04	4.04	
Indianapolis, Ind. *	0.13	0.14	0.15	0.13	0.14	0.15	0.09	0.03	0.13	0.15	0.21	0.22	0.10	0.10	0.10	0.24	0.29	0.20	0.19	0.07	0.23	0.08	0.11	4.68	4.68	4.68
Jacksonville, Fla.	0.12	0.08	0.04	0.01	0.01	0.04	0.06	T.	T.	0.01	0.00	0.01	T.	0.08												

TABLE XIII.—*Excessive precipitation, by stations, for December, 1895.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch or more, in one hour.	
		Amt.	Day.	Amt.	Time.
<i>Alabama.</i>					
Decatur	Inches.	Inches.		Ins.	h.m.
Newburg	3.55	3.55	25-26		
Pushmataha	3.61	3.61	25-26		
Union	2.95	2.95	26		
	2.75	2.75	25		
<i>Arkansas.</i>					
Fayetteville		3.95	19		
Fort Smith		3.48	18-19		
Keeses Ferry		6.20	19-20		
Mount Nebo		4.86	18-19		
Lonoke		3.90	19		
Silver Springs		4.00	19		
Winslow	10.04	5.00	17-18		
Witts Springs		5.65	19		
<i>California.</i>					
Bowmans Dam	11.22	3.87	5-6		
Edmonton		3.14	20		
Fordyce Dam	10.19	3.05	20-21		
La Forte		2.78	5-6		
Do.		4.14	19-20		
Malakoff Mine		3.00	19-20		
Upper Maittoe		3.79	19-20		
Washington		2.75	18		
<i>Florida.</i>					
Hypoluxo		8.23	8-9		
Jupiter		4.17	1-2	2.70	1 24
<i>Illinois.</i>					
Alexander		5.11	18-19		
Altamont		2.56	18-19		
Atlanta		2.32	18		
Aurora		2.83	20		
Beardstown		3.30	19		
Bloomington		4.11	17-18		
Carlinville		2.75	19		
Chicago		3.95	18-20		
Decatur		2.65	18		
Glenwood		2.50	20		
Grafton		5.28	18-20		
Havana		2.82	19		
Joliet		2.99	19		
Lexington		2.55	17-18		
Loami		6.25	18-19		
Mount Pulaski		8.00	19		
Oswego		2.93	19-20		
<i>Indiana.</i>					
South Bend		2.50	19		
<i>Indian Territory.</i>					
Tulsa		4.90	17-18		
Vinita	12.70	8.96	17-19		
<i>Iowa.</i>					
Indianola		2.65	17		
<i>Kansas.</i>					
Columbus	10.50	4.75	18		
Fort Scott		8.25	18		
Frankfort		2.50	24		
Independence		3.50	18		
Oswego		12.45	5.00	23-24	
Paoia		2.80	24		
<i>Kentucky.</i>					
Caddo		3.10	26-27		
Lexington		2.50	25-26		
<i>Louisiana.</i>					
Bastrop		3.22	1		
Lawrence		2.50	29		
<i>Michigan.</i>					
Benton Harbor	10.56				
South Haven		3.66	18		
Three Rivers	10.56	5.88	18-19		
<i>Mississippi.</i>					
Crystal Springs		3.20	25		
Lake		2.50	25		
Meridian		3.55	25-26		
Vaiden		2.52	1		
Waynesboro		2.50	25		
Williamsburg		2.55	25-24		
<i>Missouri.</i>					
Appleton		5.23	17-18		
Arthur		2.50	17-18		
Birch Tree		4.64	18-19		
Columbia		6.36	17-19		
Edgehill		2.95	19		
Eldon		7.78	17-18		
Fulton		7.65	16-18		
Grovedale	10.85	6.74	16-18		
Half Way		7.56	17-19		
Hannibal		2.70	18-19		
Hastain		8.25	17-19		
Hermann		4.80	17-18		
Houston		3.00	19		
Humansville		6.71	17-19		
Ironton		3.25	19		
Lamar		5.88	18-19		
Lamonte		2.68	18		
Lebanon		12.07	10.50	17-19	
McCune			5.81	18-19	
Mexico			2.92	18	
Mineralspring			5.92	17-19	
Mount Vernon	12.53	9.60	18-19		
Nevada			3.78	17-18	
New Haven			6.55	18-19	

TABLE XIII.—*Excessive precipitation*—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	
		Amt.	Day.	Amt.	Time.
<i>Missouri—Cont'd.</i>		<i>Inches.</i>	<i>Inches.</i>	<i>Ins.</i>	<i>h.m.</i>
Oto		5.40	17-19		
Palmyra		3.80	18-19		
Phillipsburg	18.87	6.95	17-18		
Potos		2.53	18-19		
Rhineland		6.25	18-19		
Rolla		6.18	18-19		
St. Charles		4.46	18-19		
Sarcocie	11.22	9.03	17-19		
Stellada		5.53	17-19		
Unionville		2.53	24		
Vermont		3.10	17-18		
Virgil City		5.41	17-18		
Warrensburg		4.98	17-18		
Warrenton		5.81	17-18		
Wheatland		6.62	18-19		
Willow Springs		4.90	18-19		
<i>New Jersey.</i>					
Englewood		2.86	30-31		
<i>New York.</i>					
Boyds Corners		2.03	31		
Carmel		2.87	30-31		
<i>North Carolina.</i>					
Linville		4.15	20		
Rockingham		8.05	30-31		
<i>Oklahoma.</i>					
Burnett		2.58	18		
Do		2.84	23		
Keokuk Falls	10.75	3.03	18		
Do		3.50	24		
Sac and Fox Agency		4.10	18		
<i>Oregon.</i>					
Albany a	14.02				
Astoria	17.51	3.20	8-9		
Aurora	10.35				
Aurora (near)	10.87				
Bandon	21.67	2.79	14		
Do		3.49	19		
Brownsville	10.40				
Cascade Locks	19.60				
Comstock	13.13				
Corvallis a	11.31				
Corvallis (near)	14.98				
Detroit	18.67				
Eugene	10.47				
Forest Grove	14.76				
Gardiner	20.99	8.00	19		
Hood River (near)	12.83	3.00	19		
Hubbard	11.82				
Junction City	11.13				
Langlois	21.14	4.10	19		
Lorella		2.50	19		
McMinnville a	15.43				
McMinnville b	11.96				
Monmouth	12.00				
Mount Angel	12.01				
Nehalem	25.10	3.03	26		
Newberg	14.24				
Newport	19.86	2.63	19		
Salem b	11.16				
Salmon	22.04	3.60	19		
Do		3.20	26-27		
Sheridan	18.62				
Silverton	10.67				
Springfield	10.40				
Toledo	11.01	3.05	18		
<i>Pennsylvania.</i>					
East Bloomsburg		2.50	30		
East Mauch Chunk		3.35	30-31		
Girardville		2.52	30		
<i>Tennessee.</i>					
Lynnville		3.07	25		
Palmetto		3.54	25-26		
<i>Texas.</i>					
Albany		3.00	23		
Arthur City		3.27	19-20		
Ballinger		3.56	23-24		
Paris		4.20	19		
Sulphur Springs		3.31	19-20		
<i>Washington.</i>					
Aberdeen	21.06	3.19	8		
Ashford	13.10				
Cascade Tunnel	16.50				
East Clallam	25.50	3.32	8-9		
Fort Canby	14.17	2.89	8-9		
Grand Mound	13.09				
Lapush	15.76				
Mayfield	12.02				
Monte Cristo	28.14	3.70	9		
Neah Bay	23.88				
Olympia	14.96	3.12	9		
Port Crescent	10.74				
Pysht	20.50	3.29	8-9		
Silver Creek	12.91				
Tacoma	10.85	2.86	9		
Tatoosh Island	22.42	3.23	22-23		
Do		3.58	30-31		
Union City	17.27				
Vashon	12.85				

TABLE XIV.—*Maximum rainfall in one hour or less, December, 1895.*

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
Atlanta, Ga. †.....	Inch. 0.16	30	Inch. 0.26	30	Inch. 0.40	30
Baltimore, Md. *.....						
Bismarck, N. Dak. *.....						
Boston, Mass.	0.17	22	0.27	22	0.47	22
Buffalo, N. Y.	0.10	21	0.16	21	0.48	21
Chicago, Ill.	0.08	19	0.05	19	0.16	18, 19
Cincinnati, Ohio †.....	0.02	30	0.03	30	0.17	30
Cleveland, Ohio †.....	0.02	23	0.04	23	0.17	26
Denver, Colo.					0.01	2
Detroit, Mich. †.....	0.01	21	0.02	21	0.07	21
Dodge City, Kans. *.....						
Duluth, Minn. *.....						
Eastport, Me.	0.07	27	0.10	27	0.22	27
Galveston, Tex.	0.17	29	0.28	29	0.90	29
Indianapolis, Ind. *.....	0.02	18	0.04	18	0.18	18
Jacksonville, Fla.	0.20	30	0.25	30	0.45	30
Jupiter, Fla.	0.55* 1	1	0.80* 1	1	2.00	1
Kansas City, Mo. *.....	0.03	18, 24	0.05	18, 24	0.28	24
Key West, Fla.	0.25	9	0.26	9	0.33	9
Little Rock, Ark.	0.21	19	0.24	19	0.60	19
Louisville, Ky. †.....	0.05	26	0.08	25, 26	0.31	25
Memphis, Tenn.	0.12	1	0.18	1	0.60	1

* Record incomplete.

† Record partly estimated.

TABLE XIV.—*Maximum rainfall—Continued.*

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
Milwaukee, Wis.*.....	Inch.		Inch.		Inch.	
Nantucket, Mass. †.....	0.05	2, 5	0.08	5	0.23	5
Nashville, Tenn. †.....	0.05	20	0.07	20	0.25	25
New Orleans, La.	0.19	29	0.29	29	0.58	29
New York, N. Y.	0.17	31	0.26	31	0.69	31
Norfolk, Va.	0.19	30	0.25	30	0.44	30
Omaha, Nebr. *.....						
Philadelphia, Pa.	0.06	2	0.10	2	0.25	2
Pittsburg, Pa. †.....	0.02	21	0.08	21	0.15	21
Portland, Me. †.....	0.07	30	0.13	30	0.30	22, 30
Portland, Oreg.	0.08	13, 19	0.06	6, 13	0.25	19
Rochester, N. Y. †.....	0.03	21, 26	0.06	21	0.26	21
St. Louis, Mo. †.....	0.04	17, 18	0.09	17	0.20	17
St. Paul, Minn.	0.02	28	0.04	28	0.06	28
Salt Lake City, Utah *.....						
San Diego, Cal.	0.05	16	0.06	16	0.12	16
San Francisco, Cal.	0.08	21	0.05	21	0.17	21
Savannah, Ga.	0.09	20	0.14	20	0.21	20
Seattle, Wash.	0.03	13	0.05	13	0.20	13
Vicksburg, Miss.	0.27	19	0.40	19	0.73	19
Washington, D. C.	0.20	26	0.24	26	0.29	26
Wilmington, N. C.	0.13	30	0.20	30	0.32	30

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